Direktoratet for mineralforvaltning
med Bergmesteren for Svalbard
Postboks 3021, N-7441 Trondheim

Rapportarkivet 2001

Bergvesenet rapport nr	Intern Journal nr	Gammelt internt rapp. nr.	Rapport lokalisering	Gradering
BV **BV 1975**			Trondheim	**Åpen**
Kommer fra ..arkiv	Ekstern rapport nr LV 30	Oversendt fra	Fortrolig pga	Fortrolig fra dato:

Tittel

Lithogeokjemiske undersøkelser i Løkkenområdet 1984 - 1985
DEL1, Bind 2

Forfatter	Dato År	Bedrift
Grammeltvedt, Gudmung	1985	Orkla Industrier A/S

Kommune	Fylke	Scannet rapport	1: 50 000 kartblad	1: 250 000 kartblad
Meldal	Sør-Trøndelag		15213	

Fagområde	Dokument type	Forekomster
Geokjemi		Løkken
Råstoffgruppe	**Råstofftype**	
Malm/metall		

Sammendrag / innholdsfortegnelse

BV 1974 inneholder bind I av rapporten Se også BV 4963 ogBV 496

BV1975

LITHOGEOKJEMI

LØKKEN

Bind 2

Analyser

LV - rapport nr.30 Bind 2

Lithogeokjemiske undersøkelser

i

Løkken-området

1984 - 1985

ANALYSERESULTATER

INNHOLDSFORTEGNELSE

Sammendrag

A. Faktoranalyser

- alle prøver, 6 elementer side 1 - 3
- alle prøver, 21 elementer, aritm. " 4 - 11
- alle prøver, 21 elementer, geom. " 12 - 18
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B. Sammendrag av de kjemiske analysene

- middelverdi og avvik side 1 - 8
- frekvensfordelinger " 9 - 12

C. Analyseresultater (XRF - AAS)

Dataliste over:

- trondhjemitt 2 sider
- kvartskeratofyr 3 sider
- hølondaporfyritt 3 sider
- gabbro 19 sider
- grønnstein 155 sider
- andre bergarter 5 sider

D. Analyseresultater AAS

SAMMENDRAG

Bind 2 viser alle analyseresultater fra den lithogeokjemiske undersøkelsen. Del A omfatter faktoranalysene. Det er bahandlet tre foorskjellige faktoranalyser; alle prøver med 6 elementer, alle prøver med 21 elementer, aritmetrisk og geometrisk og grønnsteiner, 21 elementer, aritmetrisk og geometrisk.

Del B gir et sammendrag av de kjemiske analyser med middelverdi og avvik samt frekvensfordeling av endel elementer.

Del C viser alle analyseresultater fra begge analysemetoder. Resultatene er ordnet i bergartstyper og etter koordinater.

Datalistene innbefatter også tidligere analyser fra Svinsåsområdet. Fordelingen er: trondhjemitt 16 prøver, kvartskeratofyr 21, hølondaporfyritt 21, gabbro 188, grønnsteiner 1542 og andre bergarter 48 prøver, tilsammen 1836 prøver.

Del D inneholder alle resultater analysert med AAS.

A. FAKTORANALYSER

Løkken Area. Lithogeochemistry.

All rock types. No. of samples 1667. No. of variables 21.

Factor analysis. Rotated factor Matrix.

	F1g	F2g	F3g	F4g	F5g	F6g	F7g	F8g	F9g	F10g	Communalities
Cu	.17	.26	−.78	−.06	−.02	.08	−.02	−.10	.05	.31	.83
Zn	.32	−.01	−.25	−.03	−.02	−.13	−.02	.04	.12	.85	.93
Ni	.23	.87	.03	.08	.00	.01	−.08	.02	−.20	−.04	.87
Sr	.02	.01	.02	.05	−.04	.95	−.00	.05	.06	−.06	.91
As	−.14	−.05	−.04	−.01	.07	−.01	−.98	−.03	−.08	.01	.99
Ba	−.22	.01	.00	.89	.06	.01	−.02	.10	−.02	.02	.85
S	.11	−.35	−.80	−.06	.19	−.11	−.04	.12	.06	.00	.85
Mn	.75	.19	−.11	−.16	.15	.07	.12	−.01	.00	.29	.76
Cr	−.07	.91	.03	.07	.06	.05	−.03	.03	−.18	.05	.87
Fe	.90	−.05	−.14	−.14	.11	−.05	.03	−.03	.13	.12	.90
Na_2O	−.17	−.23	.01	−.22	−.70	−.23	.09	−.03	.34	−.10	.80
MgO	.67	.53	.05	−.08	.05	.02	.11	.09	−.23	.07	.84
Al_2O_3	.14	.09	.15	.18	−.82	.24	.03	.18	−.12	.08	.87
SiO_2	−.72	−.43	.12	.00	.02	−.25	−.07	.05	.20	−.09	.83
P	.32	−.17	−.09	−.04	−.08	.03	.06	.12	.83	.02	.86
K_2O	−.16	.09	.11	.90	−.09	.01	.03	−.11	−.04	−.05	.89
CaO	.45	.46	.00	−.17	−.05	.54	.03	−.19	−.19	−.20	.95
Ti	.76	−.01	−.04	−.18	−.17	.03	.03	−.11	.49	.05	.91
V	.90	−.02	−.05	−.12	−.16	.00	.01	−.09	.09	.00	.86
Zr	−.12	−.27	−.01	.00	.02	−.01	.04	.02	.88	.10	.88
Cl	.12	−.04	.02	.01	.11	−.02	−.03	−.96	−.09	−.02	.96
Principal loading	Fe V Ti Mn SiO_2 CaO	Cr Ni MgO CaO	S Cu (Zn)	K_2O Ba	Al_2O_3 Na_2O	Sr CaO	As	Cl	Zr P Ti	Zn (Cu) (Mn)	

	F1a	F2a	F3a	F4a	F5a	F6a	F7a	F8a	F9a	F10a	F11a	Communalities
Cu	.03	.00	.92	.04	.06	.02	−.01	.03	.14	−.06	.04	.87
Zn	−.01	.08	.87	.04	−.09	.02	.03	−.07	.12	.06	−.25	.86
Ni	.91	−.08	.05	−.10	.03	.02	.01	−.04	−.03	−.07	.05	.87
Sr	−.09	−.09	−.04	.32	.80	.07	.13	−.02	.04	.03	−.13	.81
As	−.09	−.12	.00	−.03	.04	−.01	−.06	.03	.08	.97	.06	.99
Ba	−.04	−.23	.01	.12	.02	.85	.00	.01	.00	.01	−.11	.81
S	−.07	.01	.26	.01	−.02	−.01	−.14	−.02	.91	.10	.02	.94
Mn	.11	.37	.26	−.06	.07	−.10	−.11	.01	.00	−.06	.79	.87
Cr	.89	−.23	−.01	−.13	.06	.02	.02	−.01	−.05	.05	.01	.88
Fe	.00	.74	.18	.03	−.02	−.12	−.12	.02	.42	−.11	−.30	.90
Na_2O	−.44	−.11	−.06	.34	−.53	−.29	.29	−.08	−.12	−.11	.12	.82
MgO	.72	.12	−.07	−.24	.09	−.08	.02	.09	−.02	−.15	−.44	.84
Al_2O_3	.04	−.02	.02	−.03	.08	.11	.95	−.03	−.14	−.05	.08	.95
SiO_2	−.49	−.54	−.10	.21	−.38	.14	−.27	−.01	−.13	−.18	.18	.91
P	−.13	.20	−.05	.86	.04	.04	.09	−.06	.10	−.02	−.02	.82
K_2O	.04	−.08	.02	−.05	−.04	.90	.11	.00	−.02	−.02	.22	.89
CaO	.32	.09	−.02	−.30	.76	−.20	.02	.10	−.15	.01	.13	.86
Ti	−.16	.86	.02	.28	−.03	−.15	−.03	.09	−.11	−.03	−.08	.90
V	−.11	.91	−.04	−.07	.01	−.11	.03	.02	−.05	−.04	−.06	.88
Zr	−.24	−.07	.15	.80	−.03	.05	−.15	.01	−.10	.00	.10	.77
Cl	.00	.08	−.03	−.05	.06	.01	−.03	.99	−.01	.03	−.02	.99
Principal loading	Ni, Cr, MgO, SiO_2, Na_2O	V, Ti, Fe, SiO_2	Cu, Zn, (S), (Mn)	P, Zr	Sr, CaO, Na_2O	K_2O, Ba	Al_2O_3	Cl	S, Fe	As	Mn, MgO	

4b Linear

Tabell 4. Faktoranalyse, alle prøver

Løkken Area. Lithogeochemistry.

Greenstones. No. of samples 1542. No. of variables 21.

Factor analysis. Rotated factor Matrix.

	F1g*	F2g*	F3g*	F4g*	F5g*	F6g*	F7g*	F8g*	F9g*	F10g*	F11g*	Communalities
Cu	.02	.01	−.80	−.05	.07	−.05	.02	.22	.01	.02	−.27	.77
Zn	−.14	.14	−.27	−.01	−.15	−.11	.06	−.05	−.05	.08	−.83	.86
Ni	.19	−.11	.03	.07	.03	−.10	−.04	.87	.03	.15	.05	.85
Sr	−.07	−.01	.03	.06	.92	−.07	−.03	−.01	−.11	.08	.02	.89
As	.06	−.05	−.01	−.03	.00	.01	.98	−.01	−.10	.02	−.03	.98
Ba	.08	−.07	−.01	.92	.02	.06	−.01	−.10	−.09	.02	−.04	.89
S	−.13	.11	−.71	−.01	−.06	.26	−.02	−.36	−.21	.04	.01	.78
Mn	.08	.56	−.04	−.07	.20	.45	−.14	.22	−.06	−.06	−.45	.86
Cr	.19	−.19	−.02	.12	.06	.02	.07	.86	.00	.08	−.02	.84
Fe	−.25	.79	.03	−.10	−.04	.10	−.08	−.15	.04	.22	−.22	.84
Na_2O	−.14	−.05	.02	−.18	−.10	−.15	−.04	−.24	.00	−.88	−.06	.93
MgO	.28	.44	.11	.04	.03	.32	−.14	.59	−.24	.13	−.09	.84
Al_2O_3	.16	.05	.10	.14	.09	−.85	−.03	.05	−.18	−.13	−.11	.85
SiO_2	−.16	−.44	.17	−.02	−.27	.09	.11	−.49	.01	−.46	.08	.81
P	−.84	.21	−.07	−.04	−.05	.00	−.03	−.19	−.08	−.11	.06	.82
K_2O	.04	−.12	−.07	.85	−.01	−.24	−.02	.12	.13	.13	.07	.85
CaO	.19	.21	−.13	−.12	.65	.05	.07	.45	.20	.08	.25	.86
Ti	−.67	.61	−.07	−.12	.06	.03	.01	−.17	.13	−.07	−.06	.91
V	−.18	.87	−.09	−.11	.05	−.15	.04	−.09	.13	−.05	.07	.87
Zr	−.86	.02	.03	−.06	.01	.14	−.05	−.24	.01	−.04	−.19	.86
Cl	.02	.14	.12	.03	−.04	.14	−.11	.00	.93	.00	.05	.93
Principal loading	Zr P Ti	V Fe Ti Mn	Cu S	Ba K_2O	Sr CaO	Al_2O_3 Mn	As	Ni Cr MgO (SiO_2) (CaO)	Cl	Na_2O (SiO_2)	Zn (Mn)	

5a Logaritmic

	F1*	F2*	F3*	F4*	F5*	F6*	F7*	F8*	F9*	F10*	Communalities
Cu	.06	.02	−.92	.02	.06	.05	.02	.05	.01	−.02	.87
Zn	.01	.05	−.90	.03	−.05	.06	−.06	−.01	.07	−.15	.86
Ni	.88	−.19	−.04	.06	.05	−.14	−.02	.07	.01	.07	.85
Sr	−.09	−.14	.01	.01	.81	.18	.02	.00	.24	−.23	.83
As	−.05	−.06	−.02	−.04	.05	−.03	−.02	.99	.01	.05	.99
Ba	.06	−.17	−.07	.87	.00	−.01	.01	.02	−.01	−.16	.82
S	−.09	.00	−.88	.02	−.02	.06	.00	−.06	−.07	−.02	.80
Mn	−.07	.26	−.22	−.05	.09	−.06	−.02	.05	−.17	.76	.72
Cr	.87	−.28	.03	.08	.07	−.17	−.01	−.03	.01	−.01	.87
Fe	−.04	.74	−.30	−.06	−.03	.19	.08	.08	−.03	−.37	.83
Na_2O	−.47	−.17	.03	−.35	−.55	.19	−.04	.11	.21	.16	.79
MgO	.69	.03	.10	.05	.04	−.19	.06	.05	−.07	−.54	.84
Al_2O_3	−.01	.00	.00	.13	.01	−.13	−.07	−.02	.92	.15	.92
SiO_2	−.50	−.45	.15	−.01	−.50	.29	.07	−.11	−.09	.12	.84
P	−.17	.16	.00	−.03	−.07	.85	−.05	.04	−.02	.12	.81
K_2O	.12	.02	.01	.87	−.01	−.05	.00	.04	.18	.24	.87
CaO	.21	.00	.06	−.11	.80	−.30	.01	−.06	−.22	.23	.89
Ti	−.22	.72	.04	−.10	.01	.51	.07	−.02	−.09	−.09	.87
V	−.22	.87	.09	−.06	−.03	.04	.01	.03	.04	−.01	.82
Zr	−.22	.11	−.21	−.02	−.06	.82	.05	−.01	−.12	−.03	.81
Cl	.00	.07	.03	.00	.02	.01	.99	.02	−.07	.00	.99
Principal loading	Ni Cr MgO SiO_2 Na_2O	V Fe Ti	Cu Zn S	Ba K_2O	Sr CaO	P Zr	Cl	As	Al_2O_3	Mn MgO	

5b Linear

Tabell 5 Faktoranalyse, grønnsteiner

ALL Samples Cu, Zn, Ni, Co Pb, Ag 24.05.85

FACTOR ANALYSIS/PFAKT/LOKKEN
CU,ZN,NI,CO,PB,AG

NO. OF CASES 1667
NO. OF VARIABLES 6

MEANS
23.42831 98.76364 90.59322 40.95859 17.93820 1.36327

STANDARD DEVIATIONS
1064.81830 116.87231 60.15511 13.89194 11.07725 0.87027

CORRELATION COEFFICIENTS

ROW 1
1.00 0.69 0.07 0.13 0.01 0.20

ROW 2
0.69 1.00 0.00 0.10 0.10 0.31

ROW 3
0.07 0.00 1.00 0.27 0.01 0.08

ROW 4
0.13 0.10 0.27 1.00 0.19 0.30

ROW 5
0.01 0.10 0.01 0.19 1.00 0.16

ROW 6
0.20 0.31 0.08 0.30 0.16 1.00

EIGENVALUES
1.99350 1.29625 1.01084 0.78386 0.62357 0.29194

CUMULATIVE PERCENTAGE OF EIGENVALUES
0.33225 0.54829 0.71670 0.84741 0.95134 0.99959

EIGENVECTORS

VECTOR 1					
0.54077	0.56903	0.17177	0.34687	0.19880	0.44093
VECTOR 2					
-0.39529	-0.38603	0.46923	0.55479	0.35343	0.20446
VECTOR 3					
-0.17447	0.01285	-0.65933	-0.07668	0.69936	0.19924
VECTOR 4					
-0.21927	-0.11876	-0.35656	0.17101	-0.56387	0.68079
VECTOR 5					
0.15630	-0.03154	-0.43121	0.72766	-0.14862	-0.48721

FACTOR MATRIX (5 FACTORS)

VARIABLE 1				
0.76252	-0.45005	-0.17541	-0.19414	0.12264
VARIABLE 2				
0.80340	-0.43957	0.01291	-0.10515	-0.02490
VARIABLE 3				
0.24252	0.53423	-0.66289	-0.31569	-0.34051
VARIABLE 4				
0.48075	0.63164	-0.07710	0.15141	0.57460
VARIABLE 5				
0.28070	0.40239	0.70314	-0.49923	-0.11736
VARIABLE 6				
0.62256	0.23278	0.20032	0.60274	-0.38473

ITERATION VARIANCES

CYCLE	
0	0.160059
1	0.615933
2	0.712112
3	0.712746
4	0.712746
5	0.712746
6	0.712746
7	0.712746

ROTATED FACTOR MATRIX (5 FACTORS)

VARIABLE 1				
0.92596	0.05296	-0.03872	0.01177	0.08463
VARIABLE 2				
0.89514	-0.02919	0.07860	0.20547	-0.00409
VARIABLE 3				
0.01625	0.99076	0.00026	0.03027	0.12799
VARIABLE 4				
0.06134	0.13510	0.09568	0.14647	0.97223
VARIABLE 5				
0.02413	0.00017	0.99235	0.06762	0.09056
VARIABLE 6				
0.16023	0.03238	0.07126	0.96931	0.14779

CHECK ON COMMUNALITIES

VARIABLE	ORIGINAL	FINAL	DIFFERENCE
1	0.86900	0.86900	0.00000
2	0.85055	0.85055	0.00000
3	0.99925	0.99924	0.00001
4	0.99786	0.99786	0.00001
5	0.99812	0.99811	0.00000

ALL SAMPLES

FACTOR ANALYSIS/REAKT/LCKKEN
CU,ZN,NI,SR,AS,BA,S,MN,CR,FE,NA2O,MGO,AL2O3,SIO2,P,K2O,CAO,TI,V,ZR,CL

24.07.85 Arithm.

NO. OF CASES 1607
NO. OF VARIABLES 21

MEANS

33.19275	99.32213	91.00719	140.45892	14.89734	48.94322	1464.23511	1279.56519	202.85023	77714.93750		
39633.59766	65688.31250	152607.43750	498633.68750	592.50000	3259.68579	82783.56250	7160.39063	317.66895	91.32845		
23.79227											

STANDARD DEVIATIONS

1064.82007	116.75255	60.10390	104.18812	21.86172	75.49855	9310.51563	426.98804	171.38666	20025.16797		
10009.30078	20669.64844	16566.35547	54791.33984	363.99829	5285.46094	30485.07422	2398.46045	105.34663	59.04724		
74.26003											

CORRELATION COEFFICIENTS

ROW 1

1.00	0.69	0.07	0.04	-0.01	0.06	0.33	0.19	0.00	0.25	-0.08	-0.01
-0.02	-0.13	0.02	0.00	-0.03	-0.01	-0.04	0.11	-0.01			

ROW 2

0.69	1.00	0.00	-0.03	0.01	0.01	0.35	0.39	-0.04	0.30	-0.05	0.00
-0.02	-0.12	0.06	-0.02	-0.15	0.10	0.06	0.09	-0.08			

ROW 3

0.07	0.00	1.00	-0.02	-0.14	0.01	-0.08	0.08	0.80	-0.08	-0.38	0.59
0.05	-0.42	-0.25	0.07	0.32	-0.25	-0.14	-0.31	-0.03			

ROW 4

0.04	-0.03	-0.02	1.00	0.06	0.13	-0.02	0.00	-0.00	-0.03	-0.20	-0.03
0.13	-0.11	0.25	0.02	0.32	0.00	-0.00	0.15	0.02			

ROW 5

-0.01	0.01	-0.14	0.06	1.00	0.03	0.17	-0.15	-0.03	-0.16	-0.09	-0.22
-0.11	0.26	-0.06	-0.02	0.01	-0.15	-0.15	0.01	0.04			

ROW 6

0.06	0.01	0.01	0.13	0.03	1.00	0.00	-0.12	0.03	-0.24	-0.10	-0.11
0.05	0.23	0.10	0.03	-0.17	-0.26	-0.27	0.12	-0.01			

ROW 7

0.33	0.35	-0.08	-0.02	0.17	0.00	1.00	0.10	-0.10	0.39	-0.11	-0.13
-0.25	-0.05	0.05	-0.03	-0.13	-0.03	-0.04	0.04	-0.03			

ROW 8

0.19	0.39	0.08	0.00	-0.15	-0.12	0.10	1.00	0.02	0.55	-0.23	0.39
-0.16	-0.47	0.01	-0.24	0.12	0.38	0.35	-0.10	0.05			

	-0.16	-0.47	0.01	-0.24	0.12	0.38	0.35	-0.10	0.05			
ROW 9												
	0.00	-0.04	0.80	-0.00	-0.03	0.03	-0.10	0.02	1.00	-0.21	-0.41	0.59
	0.06	-0.31	-0.30	0.09	0.35	-0.36	-0.27	-0.32	-0.02			
ROW 10												
	0.25	0.30	-0.08	-0.03	-0.16	-0.24	0.39	0.55	-0.21	1.00	-0.17	0.22
	-0.21	-0.51	0.17	-0.26	-0.08	0.63	0.66	-0.04	0.07			
ROW 11												
	-0.08	-0.05	-0.38	-0.20	-0.09	-0.10	-0.11	-0.23	-0.41	-0.17	1.00	-0.50
	0.14	0.44	0.30	-0.20	-0.52	0.12	0.01	0.29	-0.14			
ROW 12												
	-0.01	0.00	0.59	-0.03	-0.22	-0.11	-0.13	0.39	0.59	0.22	-0.50	1.00
	0.02	-0.62	-0.28	-0.14	0.31	-0.01	0.11	-0.40	0.10			
ROW 13												
	-0.02	-0.02	0.05	0.13	-0.11	0.06	-0.25	-0.16	0.06	-0.21	0.14	0.02
	1.00	-0.25	0.01	0.22	0.10	-0.06	-0.02	-0.07	-0.07			
ROW 14												
	-0.13	-0.12	-0.42	-0.11	0.26	0.23	-0.05	-0.47	-0.31	-0.51	0.44	-0.62
	-0.25	1.00	0.08	0.16	-0.60	-0.32	-0.44	0.35	-0.05			
ROW 15												
	0.02	0.06	-0.25	0.25	-0.06	0.10	0.05	0.01	-0.30	0.17	0.30	-0.28
	0.01	0.08	1.00	-0.02	-0.24	0.37	0.11	0.53	-0.08			
ROW 16												
	0.00	-0.02	0.07	0.02	-0.02	0.63	-0.03	-0.24	0.09	-0.26	-0.20	-0.14
	0.22	0.16	-0.02	1.00	-0.16	-0.24	-0.20	0.04	-0.01			
ROW 17												
	-0.03	-0.15	0.32	0.32	0.01	-0.17	-0.13	0.12	0.35	-0.08	-0.52	0.31
	0.10	-0.60	-0.24	-0.16	1.00	-0.03	0.06	-0.31	0.16			
ROW 18												
	-0.01	0.10	-0.25	0.00	-0.15	-0.26	-0.03	0.38	-0.36	0.63	0.12	-0.01
	-0.06	-0.32	0.37	-0.24	-0.03	1.00	0.77	0.21	0.14			
ROW 19												
	-0.04	0.06	-0.14	-0.00	-0.15	-0.27	-0.04	0.35	-0.27	0.66	0.01	0.11
	-0.02	-0.44	0.11	-0.20	0.06	0.77	1.00	-0.15	0.11			
ROW 20												
	0.11	0.09	-0.31	0.15	0.01	0.12	0.04	-0.10	-0.32	-0.04	0.29	-0.40
	-0.07	0.35	0.53	0.04	-0.31	0.21	-0.15	1.00	-0.05			

ROW 21

-0.01	-0.08	-0.03	0.02	0.04	-0.01	-0.03	0.05	-0.02	0.07	-0.14	0.10
-0.07	-0.05	-0.08	-0.01	0.16	0.14	0.11	-0.05	1.00			

EIGENVALUES

4.08881	3.58693	2.16254	1.69373	1.45742	1.28667	1.11697	0.93540	0.75446	0.74045
0.58639	0.52631	0.44214	0.36583	0.34193	0.24553	0.18085	0.16895	0.15072	0.12452
0.04234									

CUMULATIVE PERCENTAGE OF EIGENVALUES

0.19471	0.36551	0.46849	0.54914	0.61854	0.67981	0.73300	0.77755	0.81347	0.84873
0.37666	0.90172	0.92277	0.94019	0.95648	0.96817	0.97678	0.98482	0.99200	0.99793
0.99997									

EIGENVECTORS

VECTOR 1

0.06222	0.06443	0.30607	0.02547	-0.10275	-0.13326	0.00568	0.26573	0.27605	0.21175
-0.31223	0.39923	0.01007	-0.42572	-0.16950	-0.10467	0.29945	0.07798	0.16968	-0.26501
0.07038									

VECTOR 2

0.11771	0.18405	-0.25335	-0.00851	-0.06635	-0.17015	0.13988	0.24919	-0.32030	0.40833
0.13671	-0.09299	-0.10044	-0.10253	0.23337	-0.20692	-0.12608	0.42997	0.36534	0.15314
0.02717									

VECTOR 3

0.50428	0.49884	0.08643	0.02018	0.11046	0.26036	0.41362	0.12748	0.08014	0.10052
-0.17085	-0.02359	-0.11880	0.04314	0.01067	0.20033	-0.13604	-0.18685	-0.21928	0.10271
-0.08425									

VECTOR 4

0.01892	-0.02170	0.02765	0.44554	-0.20437	0.37543	-0.19987	0.00112	-0.00577	-0.01823
-0.09289	0.00012	0.38336	-0.19414	0.37441	0.37207	0.13101	0.15511	0.08280	0.23840
0.00532									

VECTOR 5

-0.07873	-0.14994	-0.20210	0.42613	0.48670	-0.00337	0.19052	-0.05335	-0.12018	0.00043
-0.34472	-0.14737	-0.26327	0.03473	0.00285	-0.08186	0.36952	-0.00114	-0.01390	0.03436
0.32190									

VECTOR 6

-0.20406	-0.14292	-0.10164	-0.31263	-0.03182	0.40260	0.01867	0.06545	-0.12062	0.16969
-0.20097	0.04465	-0.17913	0.07609	-0.20905	0.48428	-0.22655	0.10921	0.22519	-0.22414
0.30998									

VECTOR 7

0.22924	0.20220	-0.25493	-0.02825	0.14124	-0.09293	0.01538	-0.12982	-0.25118	-0.05917

0.07884 0.03869	-0.22837	0.57005	-0.14555	-0.35689	0.10747	0.16358	-0.05385	0.14468	-0.36467

VECTOR 8

0.27793 0.11831 0.78356	0.18753 0.06442	0.01805 0.00464	-0.08709 0.11307	-0.15949 -0.05078	-0.05496 -0.10856	-0.31084 0.03510	0.07262 0.03394	0.03150 -0.13187	-0.17227 0.19896

VECTOR 9

-0.00188 0.12135 0.30329	-0.15564 -0.04793	0.28867 0.22433	-0.20563 -0.14840	0.17081 0.26672	-0.15877 0.09316	0.43810 -0.09174	-0.48086 0.11013	0.24347 0.07346	0.14694 0.06788

VECTOR 10

-0.05950 0.03846 -0.09225	0.18960 0.09598	0.12118 0.13999	-0.15201 0.05993	0.74663 0.08923	0.05991 0.02773	-0.36859 -0.13965	0.20709 0.20700	0.19217 0.13869	-0.08575 0.07698

VECTOR 11

0.31459 -0.18113 -0.22122	0.05100 -0.28957	0.15980 -0.34987	-0.18844 0.03021	-0.08348 -0.11789	-0.11643 0.20198	-0.27438 0.29930	-0.37782 0.24613	0.04435 0.26049	-0.08238 0.16309

FACTOR MATRIX (11 FACTORS)

VARIABLE 1

0.12581 0.24090	0.22294	0.74157	0.02462	-0.09504	-0.23146	0.24227	0.26880	-0.00163	-0.05120

VARIABLE 2

0.13029 0.03905	0.34857	0.73357	-0.02824	-0.18102	-0.16212	0.21370	0.18138	-0.13519	0.16315

VARIABLE 3

0.61891 0.12237	-0.47983	0.12711	0.03598	-0.24398	-0.11529	-0.26943	0.01745	0.25074	0.10428

VARIABLE 4

0.05150 -0.14430	-0.01612	0.02968	0.57985	0.51450	-0.35462	-0.02986	-0.08423	-0.17861	-0.13080

VARIABLE 5

-0.20778 -0.06393	-0.12566	0.16244	-0.26598	0.58636	-0.03609	0.14927	-0.15425	0.14837	0.64247

VARIABLE 6

-0.26946 -0.08916	-0.32226	0.38287	0.43860	-0.00407	0.45667	-0.09822	-0.05316	-0.13791	0.05155

VARIABLE 7									
0.01149	0.26493	0.60825	-0.26012	0.23000	0.02118	0.01625	-0.30063	0.38054	-0.31717
-0.21011									
VARIABLE 8									
0.53733	0.47194	0.19747	0.00146	-0.06441	0.07425	-0.13720	0.07024	-0.41767	0.17820
-0.28932									
VARIABLE 9									
0.55819	-0.60662	0.11785	-0.00751	-0.14509	-0.13682	-0.26546	0.03047	0.21147	0.16536
0.03396									
VARIABLE 10									
0.42818	0.77334	0.14782	-0.02372	0.00052	0.19248	-0.06253	-0.16661	0.12763	-0.07379
-0.06385									
VARIABLE 11									
-0.62135	0.25891	-0.25125	-0.12089	-0.41616	-0.22756	0.08332	0.11442	0.10541	0.03310
-0.13870									
VARIABLE 12									
0.80728	-0.17611	-0.03469	0.00016	-0.17791	0.05065	-0.24135	0.06230	-0.04164	0.08259
-0.22174									
VARIABLE 13									
0.02037	-0.19023	-0.17471	0.49892	-0.31783	-0.20319	0.60246	0.00449	0.19485	0.12046
-0.26791									
VARIABLE 14									
-0.36085	-0.19418	0.06344	-0.25266	0.04193	0.08631	-0.15383	0.10936	-0.12890	0.05157
0.02314									
VARIABLE 15									
-0.34273	0.44199	0.01569	0.43726	0.00344	-0.23712	-0.37718	-0.04911	0.23167	0.07678
-0.09028									
VARIABLE 16									
-0.21165	-0.39189	0.29460	0.48423	-0.09883	0.54932	0.11358	-0.10499	0.08092	0.02386
0.15467									
VARIABLE 17									
0.60552	-0.23878	-0.20005	0.17050	0.44609	-0.25698	0.17288	0.03395	-0.07969	-0.12016
0.22919									
VARIABLE 18									
0.15768	0.81432	-0.27477	0.20187	-0.00138	0.12388	-0.05691	0.03282	0.09566	0.17812
0.18848									
VARIABLE 19									
0.34311	0.69193	-0.32246	0.10776	-0.01678	0.25543	0.15290	-0.12754	0.06381	0.11934

0.19947

VARIABLE 20
-0.53587 0.29004 0.15104 0.31026 0.04148 -0.25425 -0.38540 0.19243 0.05896 0.06624
0.12871

VARIABLE 21
0.14232 0.05146 -0.12390 0.00693 0.38861 0.35161 0.04089 0.75783 0.26344 -0.07938
-0.16940

ITERATION CYCLE	VARIANCES
0	0.209342
1	0.490876
2	0.592086
3	0.598059
4	0.598227
5	0.598232
6	0.598232
7	0.598232
8	0.598232
9	0.598232
10	0.598232

ROTATED FACTOR MATRIX (11 FACTORS)

	1/11	2	3	4	5	6	7	8	9	10
VARIABLE 1	0.02487	0.00134	0.91499	0.04092	0.05508	0.01574	-0.01053	0.02620	0.14471	-0.05658
	0.04404									
VARIABLE 2	-0.01436	0.07602	0.87076	0.04292	-0.08951	0.01755	0.02990	-0.06730	0.11923	0.06397
	-0.25161									
VARIABLE 3	0.91234	-0.08465	0.05311	-0.10154	0.03428	0.02349	0.01080	-0.04218	-0.03092	-0.07370
	0.04969									
VARIABLE 4	-0.09272	-0.09393	-0.04067	0.32026	0.80285	0.07107	0.13222	-0.01760	0.04198	0.03057
	-0.12859									
VARIABLE 5	-0.09225	-0.11950	0.00086	-0.03077	0.04520	-0.00901	-0.05573	0.02632	0.07875	0.97223
	0.05556									
VARIABLE 6	-0.03680	-0.22812	0.01123	0.12837	0.02421	0.85388	0.00036	0.00582	-0.00370	0.00826

1/11

	2	3	4	5	6	7	8	9	10
-0.11235									
VARIABLE 7									
-0.06564	0.01001	0.26328	0.00698	-0.01682	-0.00961	-0.14033	-0.01800	0.91489	0.09924
0.02060									
VARIABLE 8									
0.11182	0.36995	0.25640	-0.05764	0.06904	-0.09904	-0.11582	0.00944	-0.00420	-0.05726
-0.78746									
VARIABLE 9									
0.39264	-0.23471	-0.00964	-0.12600	0.06448	0.02398	0.01572	-0.01227	-0.05101	0.04580
0.01361									
VARIABLE 10									
0.00507	0.74313	0.17858	0.03374	-0.02178	-0.11724	-0.12399	0.02207	0.42457	-0.10761
-0.30184									
VARIABLE 11									
-0.44042	-0.11096	-0.06166	0.34468	-0.52636	-0.28549	0.28998	-0.08425	-0.12344	-0.10872
0.11957									
VARIABLE 12									
0.72039	0.12438	-0.07042	-0.23701	0.08610	-0.07639	0.01825	0.08883	-0.02315	-0.15135
-0.44433									
VARIABLE 13									
0.03596	-0.01802	0.01613	-0.02975	0.07758	0.10838	0.94662	-0.03362	-0.13812	-0.05126
0.07823									
VARIABLE 14									
-0.49025	-0.54025	-0.10218	0.21446	-0.38199	0.14319	-0.27321	-0.00511	-0.12859	0.18024
0.18011									
VARIABLE 15									
-0.13105	0.19797	-0.04716	0.85633	0.03603	0.03990	0.09234	-0.06399	0.10340	-0.02418
-0.02067									
VARIABLE 16									
0.03956	-0.07545	0.01784	-0.04590	-0.04030	0.90203	0.11103	-0.00216	-0.02225	-0.01635
0.21918									
VARIABLE 17									
0.31903	0.09136	-0.01665	-0.30291	0.75648	-0.19512	0.01983	0.10468	-0.14729	0.01233
0.12825									
VARIABLE 18									
-0.15911	0.86208	0.01774	0.28344	-0.02744	-0.14869	-0.03289	0.09108	-0.10502	-0.03089
-0.03306									

01

1/11	2	3	4	5	6	7	8	9	10
VARIABLE 19									
-0.10899	0.91436	-0.04108	-0.07315	0.00913	-0.10620	0.03150	0.01589	-0.05030	-0.03921
-0.06063									
VARIABLE 20									
-0.23654	-0.06587	0.15439	0.79842	-0.02781	0.04631	-0.14891	0.01115	-0.09536	-0.00428
0.10379									
VARIABLE 21									
-0.00277	0.07813	-0.03032	-0.04732	0.05606	0.00633	-0.03383	0.98927	-0.01308	0.02512
-0.01575									

CHECK ON COMMUNALITIES

VARIABLE	ORIGINAL	FINAL	DIFFERENCE
1	0.87028	0.87026	0.00001
2	0.86143	0.86141	0.00002
3	0.86516	0.86514	0.00002
4	0.80830	0.80828	0.00002
5	0.98615	0.98614	0.00002
6	0.81244	0.81243	0.00001
7	0.94149	0.94147	0.00002
8	0.86993	0.86991	0.00002
9	0.87789	0.87788	0.00002
10	0.89833	0.89831	0.00002
11	0.82001	0.81999	0.00002
12	0.83798	0.83796	0.00002
13	0.94559	0.94557	0.00002
14	0.91127	0.91124	0.00002
15	0.81913	0.81911	0.00002
16	0.88612	0.88611	0.00002
17	0.86215	0.86213	0.00002
18	0.90030	0.90028	0.00002
19	0.87536	0.87534	0.00002
20	0.76672	0.76670	0.00002
21	0.99332	0.99331	0.00002

ALL SAMPLES

FACTOR ANALYSIS/RFAKT/LOKKEN/LOGAR
CU,ZN,NI,SR,AS,BA,S,MN,CR,FE,MA2O,MGO,AL2O3,SIO2,P,K2O,CAO,TI,V,ZR,CL

24.07.85

Glopt.

NO. OF CASES 1667
NO. OF VARIABLES 21

MEANS

1.59939	1.93723	1.87226	2.06529	1.31552	1.54621	2.58685	3.08062	2.12176	4.87229
4.26340	4.78415	5.18040	5.69566	2.71453	3.15694	4.87276	3.82445	2.46836	1.90775
1.83239									

STANDARD DEVIATIONS

0.28352	0.19322	0.30098	0.26551	0.28793	0.33791	0.58526	0.16637	0.47762	0.14052
0.19276	0.20251	0.05801	0.04357	0.25430	0.53584	0.24068	0.17982	0.21833	0.21150
0.46024									

CORRELATION COEFFICIENTS

ROW 1											
1.00	0.44	0.18	0.01	0.01	-0.09	0.39	0.36	0.15	0.31	-0.13	0.24
-0.05	-0.36	0.13	-0.15	0.18	0.21	0.24	-0.03	0.03			
ROW 2											
0.44	1.00	0.03	-0.15	-0.02	-0.09	0.32	0.45	-0.01	0.44	-0.03	0.21
0.01	-0.26	0.27	-0.14	-0.08	0.36	0.34	0.13	-0.03			
ROW 3											
0.18	0.03	1.00	0.05	-0.14	0.02	-0.29	0.29	0.76	0.12	-0.32	0.63
0.15	-0.57	-0.24	0.12	0.52	-0.05	0.19	-0.44	-0.00			
ROW 4											
0.01	-0.15	0.05	1.00	-0.02	0.06	-0.11	0.05	0.07	-0.02	-0.09	0.05
0.22	-0.19	0.08	0.07	0.44	0.06	0.05	0.01	-0.07			
ROW 5											
0.01	-0.02	-0.14	-0.02	1.00	0.05	0.09	-0.18	-0.00	-0.15	-0.11	-0.20
-0.13	0.17	-0.17	-0.02	-0.11	-0.19	-0.17	-0.08	0.05			
ROW 6											
-0.09	-0.09	0.02	0.06	0.05	1.00	-0.09	-0.23	0.09	-0.32	-0.14	-0.18
0.06	0.17	-0.14	0.71	-0.23	-0.37	-0.32	0.00	-0.10			
ROW 7											
0.39	0.32	-0.29	-0.11	0.09	-0.09	1.00	0.14	-0.28	0.25	-0.01	-0.12
-0.27	0.01	0.20	-0.22	-0.20	0.16	0.09	0.19	-0.04			
ROW 8											
0.36	0.45	0.29	0.05	-0.18	-0.23	0.14	1.00	0.13	0.72	-0.17	0.68

	-0.02	-0.64	0.20	-0.28	0.46	0.55	0.61	-0.08	0.10			
ROW 9												
	0.15	-0.01	0.76	0.07	-0.00	0.09	-0.28	0.13	1.00	-0.11	-0.32	0.47
	0.09	-0.36	-0.35	0.15	0.40	-0.24	-0.10	-0.40	-0.03			
ROW 10												
	0.31	0.44	0.12	-0.02	-0.15	-0.32	0.25	0.72	-0.11	1.00	-0.12	0.58
	-0.04	-0.62	0.41	-0.31	0.30	0.75	0.80	0.03	0.14			
ROW 11												
	-0.13	-0.03	-0.32	-0.09	-0.11	-0.14	-0.01	-0.17	-0.32	-0.12	1.00	-0.29
	0.27	0.37	0.30	-0.13	-0.25	0.17	0.02	0.32	-0.10			
ROW 12												
	0.24	0.21	0.63	0.05	-0.20	-0.18	-0.12	0.68	0.47	0.58	-0.29	1.00
	0.15	-0.72	-0.05	-0.14	0.56	0.34	0.53	-0.39	0.02			
ROW 13												
	-0.05	0.01	0.15	0.22	-0.13	0.06	-0.27	-0.02	0.09	-0.04	0.27	0.15
	1.00	-0.25	0.02	0.19	0.19	0.15	0.14	-0.08	-0.21			
ROW 14												
	-0.36	-0.26	-0.57	-0.19	0.17	0.17	0.01	-0.64	-0.36	-0.62	0.37	-0.72
	-0.25	1.00	-0.02	0.09	-0.68	-0.42	-0.58	0.31	-0.13			
ROW 15												
	0.13	0.27	-0.24	0.03	-0.17	-0.14	0.20	0.20	-0.35	0.41	0.30	-0.05
	0.02	-0.02	1.00	-0.15	-0.06	0.63	0.36	0.66	-0.14			
ROW 16												
	-0.15	-0.14	0.12	0.07	-0.02	0.71	-0.22	-0.28	0.15	-0.31	-0.13	-0.14
	0.19	0.09	-0.15	1.00	-0.13	-0.29	-0.23	-0.06	0.05			
ROW 17												
	0.18	-0.08	0.52	0.44	-0.11	-0.23	-0.20	0.46	0.40	0.30	-0.25	0.56
	0.19	-0.68	-0.06	-0.13	1.00	0.26	0.42	-0.39	0.19			
ROW 18												
	0.21	0.36	-0.05	0.06	-0.19	-0.37	0.16	0.55	-0.24	0.75	0.17	0.34
	0.15	-0.42	0.63	-0.28	0.26	1.00	0.79	0.39	0.12			
ROW 19												
	0.24	0.34	0.19	0.05	-0.17	-0.32	0.09	0.61	-0.10	0.80	0.02	0.53
	0.14	-0.58	0.36	-0.23	0.42	0.79	1.00	-0.06	0.14			
ROW 20												
	-0.03	0.13	-0.44	0.01	-0.08	0.00	0.19	-0.08	-0.40	0.03	0.32	-0.39
	-0.08	0.31	0.66	-0.06	-0.39	0.39	-0.06	1.00	-0.09			

ROW 21

0.03	-0.03	-0.00	-0.07	0.05	-0.10	-0.04	0.10	-0.03	0.14	-0.10	0.02
-0.21	-0.13	-0.14	0.05	0.19	0.12	0.14	-0.09	1.00			

EIGENVALUES

5.47440	3.78234	1.92036	1.58816	1.25582	1.17471	0.95835	0.81180	0.80325	0.54599
0.49403	0.41998	0.36410	0.27607	0.23106	0.22832	0.20056	0.17402	0.13796	0.08917
0.06900									

CUMULATIVE PERCENTAGE OF EIGENVALUES

0.26069	0.44080	0.53224	0.60787	0.66767	0.72361	0.76924	0.80790	0.84615	0.87215
0.89568	0.91567	0.93301	0.94616	0.95716	0.96803	0.97759	0.98587	0.99244	0.99669
0.99997									

EIGENVECTORS

VECTOR 1

0.19012	0.18543	0.20427	0.05565	-0.09573	-0.16190	0.03994	0.35672	0.10578	0.35520
-0.09356	0.34446	0.05532	-0.36303	0.10621	-0.13498	0.27894	0.29209	0.34477	-0.07645
0.05886									

VECTOR 2

-0.04410	-0.16873	0.35195	0.08558	0.02419	0.15053	-0.24452	-0.04244	0.38164	-0.17603
-0.24277	0.18011	0.07855	-0.14969	-0.36362	0.19183	0.21855	-0.29225	-0.13702	-0.36805
0.02269									

VECTOR 3

-0.28123	-0.20621	0.02995	0.30625	-0.27376	0.08462	-0.37431	-0.07979	-0.03642	-0.05632
0.31143	0.01088	0.48991	-0.03187	0.23425	0.19197	0.14651	0.18846	0.10752	0.16542
-0.15757									

VECTOR 4

0.28279	0.35673	0.08579	-0.01017	-0.05633	0.56283	0.18806	0.06051	0.09684	0.03013
-0.13264	0.00488	0.10390	-0.06508	0.16941	0.49095	-0.20522	-0.00325	-0.03823	0.17244
-0.20080									

VECTOR 5

-0.13583	-0.21318	-0.18582	0.28556	0.13549	0.23865	-0.02057	0.01189	-0.23250	0.12416
-0.29833	-0.11604	-0.22992	-0.06165	0.02859	0.31756	0.17229	0.12718	0.12615	0.05881
0.59539									

VECTOR 6

0.29701	-0.05033	-0.09490	0.66685	0.31374	-0.07461	0.25984	-0.05451	0.02472	-0.12361
-0.11289	-0.13576	0.07658	-0.04329	0.08064	-0.19582	0.26159	-0.06665	-0.14078	0.06540
-0.28978									

VECTOR 7

-0.09828	-0.20498	0.15937	0.10040	-0.50656	-0.02722	-0.04158	0.06560	0.18722	-0.02144

-0.27977	0.05041	-0.52332	0.05976	0.25530	-0.10677	0.03300	-0.03227	-0.19497	0.33453
-0.16446									

VECTOR 8

-0.47861	-0.07989	-0.17096	0.00732	0.18779	0.13630	0.00024	0.11105	-0.26408	0.23196
-0.35394	0.16794	-0.03896	-0.02761	-0.05825	-0.02498	-0.13476	-0.01649	0.14752	-0.19050
-0.55612									

VECTOR 9

-0.14082	0.08723	0.20633	-0.11649	0.67447	-0.03339	-0.36281	-0.01975	0.32412	-0.00775
-0.02176	0.03887	-0.11975	0.06864	0.26835	-0.02012	-0.03454	0.15486	-0.00495	0.32337
-0.00291									

VECTOR 10

-0.13077	0.66166	-0.21007	0.27706	-0.14820	-0.10516	-0.42418	0.19358	-0.05862	-0.08024
-0.20737	-0.05125	0.06301	0.03715	-0.15893	-0.13092	-0.09171	-0.09729	-0.17728	0.05609
0.13439									

FACTOR MATRIX (10 FACTORS)

VARIABLE 1

0.44483	-0.08578	-0.38972	0.35638	-0.15222	0.32191	-0.09621	-0.43123	-0.12621	-0.09663

VARIABLE 2

0.43386	-0.32816	-0.28576	0.44956	-0.23890	-0.05455	-0.20066	-0.07198	0.07818	0.48891

VARIABLE 3

0.47794	0.68448	0.04150	0.10812	-0.20824	-0.10285	0.15602	-0.15404	0.18492	-0.15523

VARIABLE 4

0.13020	0.16644	0.42439	-0.01281	0.32001	0.72276	0.09829	0.00660	-0.10440	0.20472

VARIABLE 5

-0.22399	0.04705	-0.37936	-0.07099	0.15163	0.34004	-0.49590	0.16920	0.60449	-0.10950

VARIABLE 6

-0.37879	0.29276	0.11726	0.70929	0.26744	-0.08087	-0.02665	0.12280	-0.02993	-0.07771

VARIABLE 7

0.09345	-0.47555	-0.51871	0.23699	-0.02306	0.28162	-0.04071	0.00022	-0.32517	-0.31343

VARIABLE 8

0.83462	-0.08254	-0.11057	0.07626	0.01333	-0.05908	0.06422	0.10006	-0.01770	0.14304

VARIABLE 9

0.24751	0.74223	-0.05047	0.12204	-0.26055	0.02680	0.18328	-0.23793	0.29049	-0.04332

VARIABLE 10

0.83107	-0.34234	-0.07605	0.03797	0.13914	-0.13398	-0.02099	0.20900	-0.00695	-0.05929

VARIABLE 11									
-0.21890	-0.47214	0.43157	-0.16716	-0.32312	-0.12236	-0.27388	-0.31890	-0.01950	-0.15323
VARIABLE 12									
0.80594	0.35028	0.01508	0.00615	-0.13004	-0.14714	0.04935	0.15131	0.03484	-0.03787
VARIABLE 13									
0.12943	0.15277	0.67891	0.13094	-0.25766	0.08300	-0.51231	-0.03510	-0.10733	0.04656
VARIABLE 14									
-0.84939	-0.29113	-0.04416	-0.08202	-0.06909	-0.05234	0.05851	-0.02488	0.06152	0.02745
VARIABLE 15									
0.24850	-0.70717	0.32461	0.21349	0.03204	0.08741	0.24992	-0.05249	0.24051	-0.11744
VARIABLE 16									
-0.31582	0.37308	0.26603	0.61871	0.35587	-0.21224	-0.10452	-0.02251	-0.01803	-0.09674
VARIABLE 17									
0.05264	0.42505	0.20302	-0.25862	0.19308	0.28352	0.03231	-0.12142	-0.03096	-0.06776
VARIABLE 18									
0.68342	-0.56838	0.26117	-0.00409	0.14252	-0.07224	-0.03159	-0.01486	0.13879	-0.07189
VARIABLE 19									
0.30668	-0.26647	0.14900	-0.04818	0.14137	-0.15259	-0.19087	0.13291	-0.00443	-0.13099
VARIABLE 20									
-0.17887	-0.71579	0.22923	0.21731	0.06590	0.07088	0.32749	-0.17164	0.28982	0.04145
VARIABLE 21									
0.13777	0.04414	-0.21835	-0.25306	0.66722	-0.31407	-0.16100	-0.50106	-0.00261	0.09930

ITERATION CYCLE	VARIANCES
0	0.227761
1	0.416509
2	0.509607
3	0.531481
4	0.544920
5	0.547693
6	0.547952
7	0.547960
8	0.547960
9	0.547960
10	0.547960
11	0.547960

	1	2	3	4	5	6	7	8	9	10
ROTATED FACTOR MATRIX (10 FACTORS)										
VARIABLE 1	0.17204	0.26462	-0.78468	-0.06136	-0.02800	0.07872	-0.01769	-0.09572	0.04632	0.30606
VARIABLE 2	0.32160	-0.01095	-0.25136	-0.02705	-0.01798	-0.13411	-0.02411	0.03834	0.12038	0.85322
VARIABLE 3	0.23103	0.87323	0.02834	0.08410	0.00477	0.00617	0.07573	0.02373	-0.19659	-0.04298
VARIABLE 4	0.01500	0.01036	0.02485	0.05074	-0.04392	0.94685	-0.00048	0.05179	0.06418	-0.05851
VARIABLE 5	-0.14312	-0.05250	-0.04371	-0.01140	0.07273	-0.00586	-0.97645	-0.02576	-0.08378	0.01444
VARIABLE 6	-0.21667	0.00871	-0.00281	0.88598	0.06251	0.01170	-0.01704	0.09811	-0.02233	0.01863
VARIABLE 7	0.11331	-0.34822	-0.79962	-0.06475	0.18866	-0.11052	-0.04406	0.11916	0.06255	0.00400
VARIABLE 8	0.74670	0.19028	-0.11249	-0.15189	0.15111	0.07227	0.12105	-0.01158	0.00485	0.29070
VARIABLE 9	-0.06714	0.90681	0.02723	0.06510	0.06133	0.05153	-0.03025	0.03011	-0.17892	0.05104
VARIABLE 10	0.90068	-0.04930	-0.14013	-0.14165	0.11343	-0.04664	0.03403	-0.02759	0.12895	0.11586
VARIABLE 11	-0.16525	-0.23422	0.00500	-0.21751	-0.70065	-0.22499	0.09045	-0.02802	0.33829	-0.10249
VARIABLE 12	0.68802	0.52571	0.04599	-0.08200	0.04672	0.02001	0.11001	0.09470	-0.22787	0.06970
VARIABLE 13	0.13937	0.08825	0.14544	0.17886	-0.82212	0.24020	0.03429	0.18240	-0.11654	0.08256
VARIABLE 14	-0.71686	-0.42720	0.12642	0.00114	0.01551	-0.25285	-0.07055	0.04989	0.19901	-0.08567
VARIABLE 15	0.32075	-0.16615	-0.09164	-0.04330	-0.08185	0.03990	0.05727	0.11761	0.83170	0.02007
VARIABLE 16	-0.15686	0.08835	0.10549	0.90427	-0.08807	0.01254	0.02914	-0.10531	-0.03731	-0.05291

	1	2	3	4	5	6	7	8	9	10
VARIABLE 17	0.45331	0.46402	-0.00178	-0.17401	-0.04868	0.53739	0.03181	-0.18557	-0.19145	-0.19835
VARIABLE 18	0.75798	-0.11319	-0.04453	-0.17672	-0.16972	0.03803	0.02847	-0.11031	0.49272	0.05417
VARIABLE 19	0.89631	-0.01848	-0.04659	-0.11637	-0.15616	0.00118	0.00756	-0.09303	0.09094	-0.00127
VARIABLE 20	-0.11597	-0.27290	-0.01377	0.00223	0.01990	-0.01314	0.04381	0.02193	0.88051	0.09745
VARIABLE 21	0.12293	-0.03933	0.01829	0.00793	0.11513	-0.02049	-0.02592	-0.96106	-0.08763	-0.02424

CHECK ON COMMUNALITIES

VARIABLE	ORIGINAL	FINAL	DIFFERENCE
1	0.83140	0.83138	0.00002
2	0.93032	0.93029	0.00002
3	0.87065	0.87064	0.00002
4	0.91222	0.91221	0.00002
5	0.99196	0.99194	0.00002
6	0.84682	0.84680	0.00002
7	0.84557	0.84555	0.00002
8	0.76003	0.76001	0.00002
9	0.87467	0.87465	0.00002
10	0.90039	0.90037	0.00002
11	0.80496	0.80494	0.00002
12	0.83904	0.83901	0.00002
13	0.86381	0.86378	0.00002
14	0.83098	0.83096	0.00002
15	0.85832	0.85829	0.00002
16	0.88531	0.88529	0.00002
17	0.85371	0.85369	0.00003
18	0.90952	0.90949	0.00003
19	0.86081	0.86079	0.00002
20	0.87591	0.87589	0.00002
21	0.96332	0.96330	0.00002

GRÖNST
LINEAR

FACTOR ANALYSIS/RFAKT/LOKKEN 31.10.85
CU,ZN,NI,SP,AS,BA,S,MN,CR,FE,NA2O,MGO,AL2O3,SIO2,P,K2O,CAO,TI,V,ZR,CL

NO. OF CASES 1542
NO. OF VARIABLES 21

MEANS

84.46817	100.50844	92.10324	133.57480	12.48164	42.39441	920.88306	1703.32446	204.65486	114220.00000		
40156.98438	67630.81250	152378.06250	49057.25000	1367.39868	2646.22754	82746.81250	12521.55859	350.73145	87.89262		
10.81378											

STANDARD DEVIATIONS

1104.82031	103.94249	60.42586	36.42836	19.61816	54.94658	4172.90234	469.62842	158.94930	20944.34141		
12230.82813	17869.03516	13794.05469	37060.65234	533.02637	4951.11719	26824.92188	3158.22266	76.45166	33.70120		
43.97592											

CORRELATION COEFFICIENTS

ROW 1											
1.00	0.80	0.07	0.05	-0.02	0.10	0.73	0.21	0.00	0.33	-0.09	-0.02
-0.01	-0.20	0.03	0.01	-0.03	-0.02	-0.07	0.21	-0.01			
ROW 2											
0.80	1.00	0.02	0.01	0.01	0.08	0.72	0.33	-0.03	0.33	-0.03	-0.04
0.03	-0.13	0.06	0.01	-0.15	0.04	-0.01	0.23	-0.07			
ROW 3											
0.07	0.02	1.00	0.02	-0.08	0.14	-0.06	0.02	0.83	-0.21	-0.38	0.33
0.00	-0.38	-0.33	0.17	0.26	-0.43	-0.31	-0.35	-0.05			
ROW 4											
0.05	0.01	0.02	1.00	0.04	0.05	0.02	0.05	0.03	0.04	-0.31	0.04
0.07	-0.21	0.02	-0.01	0.37	0.01	0.01	-0.01	-0.01			
ROW 5											
-0.02	0.01	-0.08	0.04	1.00	-0.04	0.06	-0.09	-0.01	-0.14	-0.05	-0.13
0.03	0.11	-0.05	-0.06	0.11	-0.04	-0.07	-0.03	-0.04			
ROW 6											
0.10	0.08	0.14	0.05	-0.04	1.00	0.09	0.03	0.16	-0.11	-0.22	0.14
0.09	-0.04	-0.07	0.53	-0.07	-0.18	-0.17	-0.04	0.00			
ROW 7											
0.73	0.72	-0.06	0.02	0.06	0.09	1.00	0.16	-0.10	0.27	0.00	-0.09
-0.07	-0.05	0.06	-0.04	-0.11	0.05	-0.04	0.24	-0.03			
ROW 8											
0.21	0.33	0.02	0.05	-0.09	0.03	0.16	1.00	0.02	0.45	-0.23	0.34

	-0.21	-0.36	-0.06	-0.18	0.06	0.23	0.16	0.08	0.04			
ROW 9												
	0.00	-0.03	0.83	0.03	-0.01	0.16	-0.10	0.02	1.00	-0.28	-0.41	0.58
	0.01	-0.34	-0.36	0.18	0.29	-0.47	-0.40	-0.40	-0.03			
ROW 10												
	0.33	0.33	-0.21	0.04	-0.14	-0.11	0.27	0.45	-0.28	1.00	-0.13	0.12
	-0.16	-0.31	0.23	-0.15	-0.23	0.60	0.62	0.31	0.11			
ROW 11												
	-0.09	-0.03	-0.38	-0.31	-0.05	-0.22	0.00	-0.23	-0.41	-0.13	1.00	-0.53
	0.11	0.57	0.29	-0.29	-0.51	0.10	0.06	0.22	-0.06			
ROW 12												
	-0.02	-0.04	0.53	0.04	-0.13	0.14	-0.09	0.34	0.58	0.12	-0.53	1.00
	-0.14	-0.49	-0.34	-0.03	0.10	-0.15	-0.13	-0.31	0.05			
ROW 13												
	-0.01	0.03	0.00	0.07	0.03	0.09	-0.07	-0.21	0.01	-0.16	0.11	-0.14
	1.00	-0.13	-0.12	0.30	-0.08	-0.16	-0.03	-0.16	-0.13			
ROW 14												
	-0.20	-0.13	-0.38	-0.21	0.11	-0.04	-0.05	-0.36	-0.34	-0.31	0.57	-0.49
	-0.13	1.00	0.25	-0.06	-0.55	-0.06	-0.16	0.27	0.02			
ROW 15												
	0.03	0.06	-0.33	0.02	-0.06	-0.07	0.06	-0.06	-0.36	0.23	0.29	-0.34
	-0.12	0.25	1.00	-0.06	-0.29	0.51	0.21	0.63	-0.00			
ROW 16												
	0.01	0.01	0.17	-0.01	-0.06	0.58	-0.04	-0.18	0.18	-0.15	-0.29	-0.03
	0.30	-0.06	-0.06	1.00	-0.07	-0.17	-0.07	-0.11	-0.01			
ROW 17												
	-0.03	-0.15	0.26	0.37	0.11	-0.07	-0.11	0.06	0.29	-0.23	-0.51	0.10
	-0.08	-0.55	-0.29	-0.07	1.00	-0.14	-0.12	-0.28	0.06			
ROW 18												
	-0.02	0.04	-0.43	0.01	-0.04	-0.18	0.05	0.23	-0.47	0.60	0.10	-0.15
	-0.16	-0.06	0.51	-0.17	-0.14	1.00	0.68	0.58	0.13			
ROW 19												
	-0.07	-0.01	-0.31	0.01	-0.07	-0.17	-0.04	0.19	-0.40	0.62	0.06	-0.13
	-0.03	-0.16	0.21	-0.07	-0.12	0.68	1.00	0.11	0.06			
ROW 20												
	0.21	0.23	-0.35	-0.01	-0.03	-0.04	0.24	0.08	-0.40	0.31	0.22	-0.31
	-0.16	0.27	0.63	-0.11	-0.28	0.58	0.11	1.00	0.06			

ROW 21

-0.01	-0.07	-0.03	-0.01	-0.04	0.00	-0.03	0.04	-0.03	0.11	-0.06	0.05
-0.13	0.02	-0.00	-0.01	0.05	0.13	0.06	0.06	1.00			

EIGENVALUES

4.42726	3.23828	2.35609	1.62181	1.49140	1.26064	1.02189	0.93174	0.84675	0.70929
0.63865	0.47195	0.42180	0.35763	0.28322	0.22508	0.19308	0.16535	0.15048	0.11469
0.07236									

CUMULATIVE PERCENTAGE OF EIGENVALUES

0.21082	0.36503	0.47722	0.55445	0.62547	0.68550	0.73416	0.77853	0.81885	0.85263
0.88304	0.90551	0.92560	0.94263	0.95611	0.96683	0.97603	0.98390	0.99107	0.99653
0.99997									

EIGENVECTORS

VECTOR 1

-0.05028	-0.08364	0.35795	0.06856	0.00546	0.12407	-0.10401	-0.01167	0.38503	-0.21469
-0.27348	0.27988	0.05603	-0.21535	-0.30698	0.13082	0.23845	-0.32753	-0.23088	-0.32367
-0.02444									

VECTOR 2

0.07309	0.36958	0.09752	0.11244	-0.06338	0.04553	0.31502	0.35833	0.06190	0.28303
-0.26011	0.21711	-0.10064	-0.34552	-0.00237	-0.02909	0.08823	0.17302	0.14671	0.09700
0.03685									

VECTOR 3

-0.38444	-0.38777	-0.04421	0.10603	-0.06494	-0.22257	-0.39229	0.13760	-0.04137	0.16307
-0.15628	0.17353	-0.14980	-0.21387	0.00472	-0.19316	0.21343	0.29465	0.33370	-0.07161
0.12548									

VECTOR 4

-0.10716	-0.08966	-0.03552	0.06202	-0.17085	0.51516	-0.13520	-0.08040	-0.05040	0.10246
-0.16468	-0.01937	0.30639	-0.08275	0.13456	0.63297	-0.14970	0.15816	0.20365	0.06380
0.03158									

VECTOR 5

0.08081	0.03221	-0.21300	0.51537	0.35546	-0.00967	0.08799	-0.16801	-0.19423	-0.11473
-0.15506	-0.34478	0.24676	-0.15187	-0.01078	0.02776	0.47250	0.00851	0.03151	-0.02222
-0.10395									

VECTOR 6

-0.02530	-0.09820	0.07911	0.22019	0.09457	0.21121	0.00129	-0.04414	0.12135	-0.14691
-0.21120	0.03320	-0.49474	0.19978	0.34655	0.04798	0.15584	0.07044	-0.30699	0.40648
0.31881									

VECTOR 7

0.02004	0.00495	-0.25153	-0.20499	0.29947	0.16649	0.10463	0.07793	-0.20170	0.04783

-0.07215	-0.04646	-0.14099	0.11409	-0.41055	0.09558	0.00570	-0.07434	0.09652	-0.25489
0.64737									

VECTOR 8

0.14917	0.01933	0.04555	0.18081	-0.70826	-0.17987	0.03343	-0.18647	-0.03813	-0.04611
0.14027	-0.14357	0.16602	-0.08308	-0.00158	-0.04958	0.15085	-0.08512	-0.06162	-0.01349
0.50788									

VECTOR 9

0.08097	0.02623	0.35249	-0.28586	0.38477	-0.29252	0.02762	-0.39631	0.30148	0.06494
0.01518	-0.02378	0.25564	-0.12660	0.20216	0.06374	-0.01097	0.19207	0.16812	0.10859
0.30995									

VECTOR 10

0.09067	-0.02852	0.03744	-0.43545	-0.22206	-0.00579	0.12237	-0.29108	-0.06511	-0.04763
-0.13491	-0.30584	-0.48623	-0.10466	-0.03904	0.20499	0.34158	0.04236	0.20211	-0.09830
-0.26967									

FACTOR MATRIX (10 FACTORS)

VARIABLE 1									
-0.10579	0.67137	-0.59010	-0.13646	0.09868	-0.02841	0.02026	0.14399	0.07451	0.07636
VARIABLE 2									
-0.17599	0.66508	-0.59521	-0.11419	0.03933	-0.11026	0.00501	0.01866	0.02413	-0.02402
VARIABLE 3									
0.75316	0.17549	-0.06787	-0.04524	-0.26012	0.08883	-0.25427	0.04397	0.32435	0.03152
VARIABLE 4									
0.14425	0.20233	0.16275	0.07898	0.62938	0.24722	-0.20722	0.17453	-0.26304	-0.38673
VARIABLE 5									
0.01149	-0.11406	-0.09969	-0.21758	0.43409	0.10618	0.30273	-0.68366	0.35406	-0.18702
VARIABLE 6									
0.26106	0.08193	-0.34164	0.65606	-0.08508	0.23714	0.16830	-0.17362	-0.26917	-0.00487
VARIABLE 7									
-0.21885	0.56683	-0.60215	-0.17217	0.10746	0.00145	0.10577	0.03227	0.02541	0.10306
VARIABLE 8									
-0.02456	0.64481	0.21121	-0.10239	-0.20517	-0.04956	0.07878	-0.17999	-0.36468	-0.24515
VARIABLE 9									
0.81015	0.11120	-0.06350	-0.06418	-0.23720	0.13625	-0.20390	-0.03680	0.27742	-0.04483
VARIABLE 10									
-0.45172	0.68927	0.28100	0.13048	-0.14011	-0.16495	0.04635	-0.04451	0.05975	-0.04011

VARIABLE 11									
-0.57543	-0.47707	-0.23988	-0.20972	-0.18936	-0.23714	-0.07293	0.13540	0.01397	-0.11362
VARIABLE 12									
0.58890	0.39069	0.26636	-0.02467	-0.42106	0.03727	-0.04696	-0.13858	-0.02188	-0.25758
VARIABLE 13									
0.11789	-0.18110	-0.22994	0.39018	0.30135	-0.55548	-0.14252	0.16026	0.23524	-0.40950
VARIABLE 14									
-0.45311	-0.62177	-0.33595	-0.10538	-0.18546	0.22431	0.11533	-0.08019	-0.11649	-0.08814
VARIABLE 15									
-0.64591	-0.00427	0.00725	0.17136	-0.01316	0.38910	-0.41502	-0.00153	0.18602	-0.03288
VARIABLE 16									
0.27525	-0.05235	-0.29649	0.80609	0.03390	0.05387	0.09662	-0.04785	0.05866	0.17264
VARIABLE 17									
0.50172	0.15877	0.32760	-0.19064	0.57703	0.17497	0.00576	0.14561	-0.01009	0.28767
VARIABLE 18									
-0.68916	0.31135	0.45227	0.20142	0.01039	0.07909	-0.07515	-0.08217	0.17674	0.03567
VARIABLE 19									
-0.46579	0.26400	0.51221	0.26571	0.03848	-0.34468	0.09757	-0.05948	0.15470	0.17022
VARIABLE 20									
-0.68145	0.17456	-0.10992	0.08125	-0.02713	0.45639	-0.25766	-0.01302	0.09988	-0.08279
VARIABLE 21									
-0.05142	0.06631	0.19261	0.04021	-0.12694	0.35795	0.65442	0.49024	0.28521	-0.22711

ITERATION CYCLE	VARIANCES
0	0.202713
1	0.466579
2	0.554429
3	0.574297
4	0.579114
5	0.580876
6	0.583429
7	0.588358
8	0.592887
9	0.594511
10	0.594889
11	0.594987
12	0.595015
13	0.595021

14	0.595023
15	0.595022
16	0.595022
17	0.595021
18	0.595021

ROTATED FACTOR MATRIX (10 FACTORS)

	I	II	III	IV	V	VI	VII	VIII	IX	X
VARIABLE 1	0.06398	0.02107	-0.92660	0.02039	0.05636	0.04676	0.01934	0.04523	0.00843	-0.02067
VARIABLE 2	0.01440	0.04881	-0.90288	0.02690	-0.04609	0.06409	-0.05884	-0.00838	0.06956	-0.15070
VARIABLE 3	0.88187	-0.19359	-0.03518	0.05672	0.05342	-0.14366	-0.02110	0.07088	0.01007	0.06565
VARIABLE 4	-0.09161	-0.13713	0.01120	0.01199	0.81413	0.17685	0.01679	-0.00165	0.23703	-0.22527
VARIABLE 5	-0.05413	-0.06207	-0.02239	-0.04186	0.04702	-0.02930	-0.02146	-0.98675	0.01405	0.05498
VARIABLE 6	0.03943	-0.16549	-0.06656	0.86954	0.00179	-0.00701	0.00522	0.01605	-0.01156	-0.16260
VARIABLE 7	-0.08606	-0.00260	-0.88074	0.02318	-0.02043	0.05717	0.00249	-0.05868	-0.07356	-0.01739
VARIABLE 8	0.06758	0.26490	-0.22476	-0.05038	0.09322	-0.06185	-0.02112	0.05361	-0.16830	-0.78377
VARIABLE 9	0.86691	-0.28513	0.03351	0.08009	0.07025	-0.16857	-0.00878	-0.02574	0.00801	-0.00500
VARIABLE 10	-0.03789	0.73954	-0.30459	-0.06450	-0.03075	0.18824	0.07884	0.08220	-0.03254	-0.36840
VARIABLE 11	-0.46990	-0.16882	0.03334	-0.34729	-0.54638	0.18969	-0.03886	0.11101	0.20954	0.16049
VARIABLE 12	0.69308	0.03427	0.09904	0.04560	0.03625	-0.18936	0.05832	0.04877	-0.07416	-0.54406
VARIABLE 13	-0.01490	0.00050	-0.00191	0.13292	0.01100	-0.13411	-0.07472	-0.01661	0.92481	0.15178
VARIABLE 14	-0.49864	-0.45118	0.15448	-0.01293	-0.49488	0.28597	0.06692	-0.10741	-0.08907	0.12139

	I	II	III	IV	V	VI	VII	VIII	IX	X
VARIABLE 15										
-0.16571	0.15646	-0.00174	-0.03192	-0.06655	0.85420	-0.04824	0.04234	-0.01987	0.12061	
VARIABLE 16										
0.11725	0.01973	0.00669	0.86855	-0.00696	-0.04642	-0.00297	0.03928	0.18418	0.24257	
VARIABLE 17										
0.20837	0.00370	0.05646	-0.10925	0.79609	-0.29740	0.01041	-0.06392	-0.22333	0.23106	
VARIABLE 18										
-0.22251	0.72459	0.03909	-0.09847	0.01275	0.51053	0.07285	-0.02192	-0.08974	-0.08846	
VARIABLE 19										
-0.22485	0.87059	0.08956	-0.05584	-0.03335	0.03931	0.00593	0.02747	0.04176	-0.00749	
VARIABLE 20										
-0.22091	0.11426	-0.21388	-0.01903	-0.06231	0.82288	0.05325	-0.00490	-0.11540	-0.02758	
VARIABLE 21										
-0.00325	0.06598	0.02832	0.00487	0.01728	0.00750	0.99033	0.02066	-0.06901	-0.00034	

CHECK ON COMMUNALITIES

VARIABLE	ORIGINAL	FINAL	DIFFERENCE
1	0.87184	0.87182	0.00002
2	0.85585	0.85582	0.00002
3	0.85303	0.85299	0.00004
4	0.82680	0.82676	0.00004
5	0.98950	0.98947	0.00003
6	0.81641	0.81638	0.00003
7	0.79953	0.79951	0.00002
8	0.74772	0.74768	0.00004
9	0.67459	0.67455	0.00004
10	0.83146	0.83143	0.00004
11	0.78908	0.78904	0.00004
12	0.83792	0.83788	0.00004
13	0.92020	0.92017	0.00004
14	0.84166	0.84161	0.00005
15	0.80613	0.80610	0.00003
16	0.86511	0.86508	0.00003
17	0.88826	0.88822	0.00005
18	0.86828	0.86824	0.00004
19	0.82491	0.82487	0.00003
20	0.80594	0.80591	0.00003
21	0.99152	0.99149	0.00003

GRÖNST. LOGAR.

FACTOR ANALYSIS/RFAKT/LOKKEN
CU,ZN,NI,SR,AS,BA,S,MN,CR,FE,NA2O,MGO,AL2O3,SIO2,P,K2O,CAO,TI,V,ZR,CL

31.10.85

NO. OF CASES 1542
NO. OF VARIABLES 21

MEANS

1.62496	1.95977	1.88523	2.05338	1.28598	1.52015	2.60482	3.21506	2.15734	5.05028
4.57548	4.81234	5.18116	5.68959	3.10880	3.11094	4.88845	4.08248	2.50524	1.91647
1.71588									

STANDARD DEVIATIONS

0.33944	0.15875	0.27257	0.25132	0.27456	0.31043	0.55862	0.12487	0.44958	0.08289
0.17758	0.13469	0.03917	0.03217	0.15638	0.51267	0.17974	0.12022	0.12640	0.15548
0.45048									

CORRELATION COEFFICIENTS

ROW 1	1.00	0.33	0.11	0.05	0.04	-0.01	0.30	0.20	0.16	0.05	-0.13	0.11
	-0.01	-0.27	-0.09	-0.07	0.13	0.03	0.06	-0.03	-0.13			
ROW 2	0.33	1.00	-0.09	-0.12	0.04	-0.00	0.27	0.29	-0.07	0.30	-0.05	-0.01
	0.04	-0.11	0.17	-0.05	-0.24	0.23	0.18	0.19	-0.15			
ROW 3	0.11	-0.09	1.00	0.07	-0.04	0.13	-0.34	0.07	0.77	-0.23	-0.35	0.47
	0.11	-0.46	-0.39	0.24	0.42	-0.38	-0.18	-0.41	0.02			
ROW 4	0.05	-0.12	0.07	1.00	-0.02	0.05	-0.03	0.06	0.08	0.03	-0.13	0.07
	0.12	-0.22	0.01	0.06	0.46	0.06	0.07	0.01	-0.11			
ROW 5	0.04	0.04	-0.04	-0.02	1.00	-0.02	0.02	-0.13	0.06	-0.11	-0.04	-0.10
	0.01	0.09	-0.09	-0.06	0.02	-0.08	-0.07	-0.07	-0.13			
ROW 6	-0.01	-0.00	0.13	0.05	-0.02	1.00	-0.03	-0.06	0.18	-0.15	-0.24	0.05
	0.11	-0.08	-0.12	0.05	-0.03	-0.22	-0.21	-0.12	-0.06			
ROW 7	0.30	0.27	-0.34	-0.03	0.02	-0.03	1.00	0.12	-0.26	0.17	0.04	-0.12
	-0.20	0.05	0.21	-0.20	-0.14	0.27	0.10	0.25	-0.15			
ROW 8	0.20	0.29	0.07	0.06	-0.13	-0.06	0.12	1.00	0.08	0.48	-0.18	0.53

	-0.19	-0.44	0.03	-0.22	0.29	0.31	0.34	0.07	0.05			
ROW 9	0.16 0.09	-0.07 -0.39	0.77 -0.41	0.08 0.23	0.06 0.38	0.18 -0.38	-0.26 -0.28	0.08 -0.40	1.00 -0.00	-0.28	-0.34	0.47
ROW 10	0.05 -0.13	0.30 -0.31	-0.23 0.35	0.03 -0.22	-0.11 -0.05	-0.15 0.66	0.17 0.67	0.48 0.33	-0.28 0.17	1.00	-0.12	0.26
ROW 11	-0.13 0.14	-0.05 0.52	-0.35 0.25	-0.13 -0.24	-0.04 -0.26	-0.24 0.15	0.04 0.06	-0.18 0.20	-0.34 -0.03	-0.12	1.00	-0.38
ROW 12	0.11 -0.08	-0.01 -0.53	0.47 -0.28	0.07 -0.02	-0.10 0.31	0.08 -0.03	-0.12 0.14	0.53 -0.28	0.47 -0.02	0.26	-0.38	1.00
ROW 13	-0.01 1.00	0.04 -0.12	0.11 -0.15	0.12 0.25	0.01 -0.03	0.11 -0.10	-0.20 0.01	-0.19 -0.17	0.09 -0.20	-0.13	0.14	-0.08
ROW 14	-0.27 -0.12	-0.11 1.00	-0.46 0.19	-0.22 -0.08	0.09 -0.57	-0.08 -0.06	0.05 -0.25	-0.44 0.22	-0.39 -0.03	-0.31	0.52	-0.53
ROW 15	-0.02 -0.15	0.17 0.19	-0.39 1.00	0.01 -0.13	-0.09 -0.21	-0.12 0.65	0.21 0.37	0.03 0.65	-0.41 -0.05	0.35	0.25	-0.28
ROW 16	-0.07 0.25	-0.08 -0.08	0.24 -0.15	0.06 1.00	-0.06 -0.03	0.66 -0.24	-0.20 -0.17	-0.22 -0.17	0.23 0.07	-0.22	-0.24	-0.02
ROW 17	0.13 -0.03	-0.24 -0.57	0.42 -0.21	0.46 -0.03	0.02 1.00	-0.08 -0.01	-0.14 0.19	0.29 -0.29	0.38 0.14	-0.05	-0.26	0.31
ROW 18	0.03 -0.10	0.23 -0.06	-0.38 0.65	0.06 -0.24	-0.08 -0.01	-0.22 1.00	0.27 0.69	0.31 0.68	-0.38 0.19	0.66	0.15	-0.03
ROW 19	0.06 0.01	0.18 -0.25	-0.18 0.37	0.07 -0.17	-0.07 0.19	-0.21 0.69	0.10 1.00	0.34 0.12	-0.28 0.16	0.67	0.06	0.14
ROW 20	-0.03 -0.17	0.19 0.22	-0.41 0.65	0.01 -0.17	-0.07 -0.29	-0.12 0.68	0.25 0.12	0.07 1.00	-0.40 0.03	0.33	0.20	-0.28

ROW 21

-0.13	-0.15	0.02	-0.11	-0.18	-0.06	-0.15	0.05	-0.00	0.17	-0.03	-0.02
-0.20	-0.03	-0.05	0.07	0.14	0.19	0.16	0.03	1.00			

EIGENVALUES

4.53473	3.50581	1.73347	1.63899	1.38556	1.18113	0.97745	0.92396	0.91296	0.67216
0.62646	0.54013	0.49164	0.45673	0.28464	0.27087	0.24557	0.21386	0.20077	0.12878
0.07375									

CUMULATIVE PERCENTAGE OF EIGENVALUES

0.21584	0.38288	0.46543	0.54348	0.60945	0.66570	0.71224	0.75624	0.79972	0.83172
0.86156	0.88728	0.91069	0.93244	0.94599	0.95889	0.97058	0.98077	0.99033	0.99646
0.99997									

EIGENVECTORS

VECTOR 1

0.02571	-0.12673	0.35819	0.06636	0.02624	0.15885	-0.19393	-0.03306	0.35895	-0.23492
-0.20909	0.19735	0.09373	-0.18694	-0.34034	0.19511	0.19968	-0.34977	-0.21207	-0.33760
-0.02092									

VECTOR 2

0.17441	0.14616	0.13983	0.12938	-0.07594	-0.06282	0.06188	0.40182	0.11447	0.35714
-0.22114	0.34287	-0.07945	-0.40295	0.04770	-0.09899	0.27765	0.25299	0.31959	0.02360
0.07422									

VECTOR 3

-0.43084	-0.48913	0.02729	0.11367	-0.16870	-0.25587	-0.38394	-0.06285	-0.05081	0.02834
0.16493	-0.00010	-0.06540	0.04456	-0.00086	-0.10434	0.26299	0.09572	0.16214	-0.04143
0.41023									

VECTOR 4

-0.17740	0.00851	-0.00897	0.09195	-0.21463	0.54399	-0.13593	-0.08422	-0.04906	0.13932
-0.14218	-0.04810	0.20661	-0.07276	0.18545	0.60096	-0.12231	0.16360	0.10995	0.16596
0.15200									

VECTOR 5

0.11663	-0.06980	-0.03144	0.59322	0.20205	-0.07238	0.00576	-0.16317	-0.03469	-0.11302
0.14763	-0.20497	0.44469	-0.09375	0.12675	-0.00357	0.32405	0.09391	0.13007	0.02587
-0.35086									

VECTOR 6

0.03709	-0.26187	-0.07546	0.33101	0.06696	0.16489	0.30994	-0.04299	0.01066	-0.15417
-0.23934	-0.11038	-0.59213	0.04316	0.12852	0.04918	0.24278	0.00824	-0.25484	0.23164
0.10080									

VECTOR 7

-0.24699	-0.01515	-0.15381	-0.10315	0.31727	0.06498	-0.09019	-0.07790	-0.11152	0.18971

-0.29258	-0.01391	-0.06502	-0.01513	-0.12020	0.06092	-0.00857	0.03799	0.19591	-0.14317
0.02934									

VECTOR 8

-0.22884	0.03915	0.32426	-0.05383	0.19895	-0.08241	-0.33687	0.00819	0.35427	-0.04559
-0.00586	0.18673	-0.07773	0.06319	0.36976	-0.08158	-0.11952	0.14667	-0.19983	0.43742
-0.30845									

VECTOR 9

0.41926	0.18636	0.24334	-0.22154	0.20415	-0.13959	-0.04463	-0.24281	0.24962	-0.12516
0.08400	-0.32737	0.04772	-0.02806	0.11057	0.11236	0.14247	0.16022	0.07918	0.10355
0.52535									

VECTOR 10

-0.09437	0.28227	-0.04110	0.16506	-0.20577	-0.35179	-0.19691	-0.21933	-0.15031	0.11574
-0.58862	-0.24953	0.11541	-0.20015	-0.09513	-0.13368	-0.12956	-0.10737	-0.22623	0.14090
0.07148									

VECTOR 11

0.04949	-0.43408	0.15118	-0.36751	-0.14758	-0.12994	0.29643	-0.46462	0.00434	0.05509
-0.24628	0.04275	0.03588	-0.20411	0.22584	0.00749	-0.04518	0.06097	0.22643	-0.11376
-0.28152									

FACTOR MATRIX (11 FACTORS)

VARIABLE 1

0.05476	0.32656	-0.56725	-0.22711	0.13729	0.09465	-0.24419	-0.21997	0.40060	-0.07737
0.03917									

VARIABLE 2

-0.26987	0.27366	-0.64399	0.01090	-0.08216	-0.28460	-0.01498	0.03764	0.17806	0.23142
-0.34357									

VARIABLE 3

0.76276	0.25994	0.03593	-0.01148	-0.03701	-0.08201	-0.15207	0.31169	0.23251	-0.03370
0.11966									

VARIABLE 4

0.14131	0.24225	0.14966	0.11772	0.69828	0.35974	-0.10198	-0.05175	-0.21168	0.13532
-0.29038									

VARIABLE 5

0.05589	-0.14220	-0.22211	-0.27478	0.23783	0.07277	0.80800	0.19124	0.19506	-0.16970
-0.11630									

VARIABLE 6

0.33826	-0.11763	-0.33688	0.69643	-0.08520	0.17920	0.06424	-0.07922	-0.13338	-0.28842
-0.10285									

VARIABLE 7									
-0.41298	0.11586	-0.50550	-0.17402	0.00678	0.33684	-0.08916	-0.32380	-0.04265	-0.16144
0.23463									
VARIABLE 8									
-0.07040	0.75236	-0.08275	-0.10782	-0.19207	-0.04672	-0.07701	0.00787	-0.23201	-0.17982
-0.36774									
VARIABLE 9									
0.76438	0.21432	-0.06690	-0.06281	-0.04083	0.01159	-0.11026	0.34053	0.23851	-0.12323
0.00344									
VARIABLE 10									
-0.30027	0.66871	0.03731	0.17836	-0.13304	-0.16755	0.18756	-0.04382	-0.11959	0.09489
0.04361									
VARIABLE 11									
-0.44525	-0.41406	0.19082	-0.18203	0.17377	-0.31445	-0.28926	-0.00563	0.08026	-0.48258
-0.19493									
VARIABLE 12									
-0.42026	0.64199	-0.00013	-0.06158	-0.24127	-0.11996	-0.01375	0.17949	-0.31279	-0.20458
0.00383									
VARIABLE 13									
0.19960	-0.14875	-0.08610	0.26451	0.52344	-0.64353	-0.06428	-0.07471	0.04559	0.09462
0.02840									
VARIABLE 14									
-0.59309	-0.75447	0.05867	-0.09315	-0.11624	0.04690	-0.01496	0.06074	-0.02681	-0.16409
-0.16155									
VARIABLE 15									
-0.72475	0.08932	-0.00113	0.23742	0.14920	0.13968	-0.11884	0.35542	0.10564	-0.07799
0.17875									
VARIABLE 16									
0.41548	-0.18535	-0.13737	0.76937	-0.00421	0.05345	0.06023	-0.07841	0.10736	-0.10960
0.00593									
VARIABLE 17									
0.42521	0.51987	0.34626	-0.15658	0.38144	0.26386	-0.00847	-0.11489	0.13613	-0.10622
-0.03576									
VARIABLE 18									
-0.74484	0.47370	0.12602	0.20945	0.11055	0.00895	0.03756	0.14098	0.15309	-0.08803
0.04626									
VARIABLE 19									
-0.48160	0.59840	0.21347	0.14076	0.15311	-0.27696	0.19369	-0.19209	0.07566	-0.18548

0.17922

VARIABLE 20
-0.71892 0.04471 -0.05454 0.21246 0.03045 0.25174 -0.14155 0.42046 0.09894 0.11552
-0.09004

VARIABLE 21
-0.04456 0.13898 0.54011 0.19460 -0.41300 0.10955 0.02901 -0.29649 0.50197 0.05860
-0.22282

ITERATION CYCLE	VARIANCES
0	0.219792
1	0.480351
2	0.506465
3	0.530495
4	0.534637
5	0.535273
6	0.535465
7	0.535615
8	0.535771
9	0.535950
10	0.536173
11	0.536466
12	0.536849
13	0.537311
14	0.537785
15	0.538169
16	0.538403
17	0.538526
18	0.538574
19	0.538591
20	0.538596
21	0.538597
22	0.538596
23	0.538596
24	0.538596
25	0.538596

ROTATED FACTOR MATRIX (11 FACTORS)

I II III IV V VI VII VIII IX X

VARIABLE 1
0.02127 0.01104 -0.00692 -0.04824 0.07107 -0.05328 0.02007 0.22120 0.01213 0.02070
-0.27374

VARIABLE 2
-0.14264 0.13520 -0.27482 -0.01393 -0.15041 -0.11248 0.06017 -0.05075 -0.05497 0.08407
-0.83023

1/11	2	3	4	5	6	7	8	9	10
VARIABLE 3									
0.19262	-0.11243	0.02701	0.07305	0.03232	-0.09537	-0.04295	0.86801	0.03262	0.15318
0.05334									
VARIABLE 4									
-0.06700	-0.00679	0.02893	0.05868	0.92725	-0.07254	-0.02616	-0.01206	-0.10593	0.08058
0.01656									
VARIABLE 5									
0.06080	-0.05397	-0.00750	-0.02827	-0.00189	0.00890	0.98043	-0.01195	-0.05753	0.01639
-0.02954									
VARIABLE 6									
0.07689	-0.07144	-0.01296	0.92750	0.01669	0.05720	-0.00950	0.04604	-0.08614	0.04460
-0.03772									
VARIABLE 7									
-0.12663	0.10662	-0.71132	-0.00615	-0.05844	0.25938	-0.01619	-0.35650	-0.21495	0.03529
0.00678									
VARIABLE 8									
0.07963	0.56455	-0.04473	-0.06758	0.20262	0.44820	-0.14303	0.22286	-0.05782	-0.06362
-0.45253									
VARIABLE 9									
0.19341	-0.19047	-0.02445	0.12233	0.06070	0.01637	0.06975	0.85765	0.00354	0.08143
-0.01692									
VARIABLE 10									
-0.25388	0.78698	0.03225	-0.10001	-0.04275	0.10175	-0.08049	-0.14990	0.04404	0.22435
-0.22450									
VARIABLE 11									
-0.13667	-0.05001	0.02043	-0.17678	-0.09547	-0.15116	-0.04066	-0.24466	-0.00230	-0.88278
0.05564									
VARIABLE 12									
0.27727	0.44004	0.10689	0.04228	0.02746	0.32679	-0.14197	0.58727	-0.23882	0.13129
-0.08797									
VARIABLE 13									
0.15615	0.04805	0.09769	0.13696	0.08767	-0.84871	-0.03339	0.05482	-0.17994	-0.13252
-0.10911									
VARIABLE 14									
-0.16298	-0.44520	0.16839	-0.02186	-0.27405	0.09034	0.10612	-0.49287	0.00549	-0.46434
0.06016									
VARIABLE 15									
-0.34142	0.21098	-0.06976	-0.03707	-0.04724	-0.00153	-0.03351	-0.19003	-0.07685	-0.11371

	1	2	3	4	5	6	7	8	9	10
	0.06260									
VARIABLE 16										
	0.04366	-0.12636	0.07195	0.84744	-0.00531	-0.23973	-0.02483	0.12514	0.13242	0.12633
	0.07391									
VARIABLE 17										
	0.19117	0.21226	-0.13198	-0.12436	0.64936	0.05345	0.07425	0.44905	0.19937	0.07606
	0.25137									
VARIABLE 18										
	-0.67129	0.61431	-0.07436	-0.11720	0.05754	0.02880	0.00931	-0.16710	0.13325	-0.07132
	-0.06077									
VARIABLE 19										
	-0.18029	0.87139	-0.09476	-0.11116	0.04591	-0.15230	0.03581	-0.09385	0.13207	-0.05060
	0.07466									
VARIABLE 20										
	-0.86108	0.02148	0.02503	-0.05800	0.01012	0.14023	-0.04800	-0.23510	0.00754	-0.03501
	-0.18633									
VARIABLE 21										
	0.01541	0.13816	0.11601	0.02650	-0.04047	0.14175	-0.10867	0.00115	0.92605	0.00392
	0.05080									

CHECK ON COMMUNALITIES

VARIABLE	ORIGINAL	FINAL	DIFFERENCE
1	0.78681	0.78675	0.00006
2	0.85526	0.85519	0.00007
3	0.84668	0.84661	0.00006
4	0.89273	0.89268	0.00005
5	0.97963	0.97958	0.00005
6	0.88808	0.88803	0.00005
7	0.77902	0.77896	0.00007
8	0.85593	0.85586	0.00007
9	0.84063	0.84057	0.00006
10	0.83872	0.83864	0.00008
11	0.92934	0.92927	0.00007
12	0.83840	0.83832	0.00008
13	0.84902	0.84895	0.00007
14	0.81318	0.81311	0.00008
15	0.82103	0.82097	0.00006
16	0.85601	0.85595	0.00006
17	0.85496	0.85489	0.00007
18	0.90603	0.90595	0.00008
19	0.87421	0.87413	0.00008
20	0.85934	0.85926	0.00007
21	0.92726	0.92720	0.00006

B. SAMMENDRAG.

MIDDELVERDI og RUVIK

KAIV. OUTISET KESKIARVOT JA HAJONNAT/KAHAJ/LOKKEN/OUTOKUMPU 13.05.8

CU (PPM) KA	CU (PPM) HAJ	ZN (PPM) KA	ZN (PPM) HAJ	NI (PPM) KA	NI (PPM) HAJ	CO (PPM) KA	CO (PPM) HAJ	PB (PPM) KA	PB (PPM) HAJ	AG (PPM) KA	AG (PPM) HAJ
32.4	1004.8	93.0	116.9	90.9	60.2	41.0	13.9	17.9	11.1	1.36	0.87
1667		1667		1667		1570		1667		275	

MIDDELVERDI RUVIK

GEOKEMISET KESKIARVOT JA HAJONNAT/KAHAJ/LOKKEN/OUTOKUMPU 13.05.85

CU (PPM) KA	CU (PPM) HAJ	ZN (PPM) KA	ZN (PPM) HAJ	NI (PPM) KA	NI (PPM) HAJ	CO (PPM) KA	CO (PPM) HAJ	PB (PPM) KA	PB (PPM) HAJ	AG (PPM) KA	AG (PPM) HAJ
35.3	4.8	85.8	1.6	59.2	3.3	36.9	2.3	12.6	5.3	1.08	3.07
1667		1667		1667		1570		1667		275	

middelverdi avvik

ARITMEETTISET KESKIARVOT JA HAJONNAT/KAHAJ/LOKKEN/OUTOKUMPU 08.07.85

FE (PPM) KA	FE (PPM) HAJ	NA2O (PPM) KA	NA2O (PPM) HAJ	MGO (PPM) KA	MGO (PPM) HAJ	OXS (PPM) KA	OXS (PPM) HAJ	AL2O3 (PPM) KA	AL2O3 (PPM) HAJ	SIO2 (PPM) KA	SIO2 (PPM) HAJ
77715	20025	39634	13009	65688	20670	971484	19940	152607	16566	498834	54791
1656		1656		1656		1656		1656		1656	

GEOMETRISET KESKIARVOT JA HAJONNAT/KAHAJ/LOKKEN/OUTOKUMPU 08.07.85

FE (PPM) KA	FE (PPM) HAJ	NA2O (PPM) KA	NA2O (PPM) HAJ	MGO (PPM) KA	MGO (PPM) HAJ	OXS (PPM) KA	OXS (PPM) HAJ	AL2O3 (PPM) KA	AL2O3 (PPM) HAJ	SIO2 (PPM) KA	SIO2 (PPM) HAJ
74523	1	34463	4	60834	2	971274	1	151496	1	496207	1
1656		1656		1656		1656		1656		1656	

ARITMEETTISET KESKIARVOT JA HAJONNAT/KAHAJ/LOKKEN/OUTOKUMPU 08.07.85

MN (PPM) KA	MN (PPM) HAJ	CR (PPM) KA	CR (PPM) HAJ	V (PPM) KA	V (PPM) HAJ	AS (PPM) KA	AS (PPM) HAJ	P (PPM) KA	P (PPM) HAJ	TI (PPM) KA	TI (PPM) HAJ
1278.6	427.0	202.9	171.4	317.7	105.3	14.9	21.9	592.5	364.0	7160.4	2398.5
1656		1656		1656		1656		1656		1656	

GEOMETRISET KESKIARVOT JA HAJONNAT/KAHAJ/LOKKEN/OUTOKUMPU 08.07.85

MN (PPM) KA	MN (PPM) HAJ	CR (PPM) KA	CR (PPM) HAJ	V (PPM) KA	V (PPM) HAJ	AS (PPM) KA	AS (PPM) HAJ	P (PPM) KA	P (PPM) HAJ	TI (PPM) KA	TI (PPM) HAJ
1204.0	1.5	103.8	7.2	276.1	3.0	0.1	441.3	518.2	1.7	6675.0	1.5
1656		1656		1656		1656		1656		1656	

ARITMEETTISET KESKIARVOT JA HAJONNAT/KAHAJ/LOKKEN/CUTOKUMPU 10.07.85

CS (PPM) KA	HAJ	BA (PPM) KA	HAJ	Y (PPM) KA	HAJ	ZR (PPM) KA	HAJ	NB (PPM) KA	HAJ	MO (PPM) KA	HAJ
14.3 1656	9.9	48.9 1656	75.5	35.0 1656	13.4	91.3 1656	59.0	1.1 1656	3.8	1.3 1656	6.6

GEOMETRISET KESKIARVOT JA HAJONNAT/KAHAJ/LOKKEN/CUTOKUMPU 10.07.85

CS (PPM) KA	HAJ	BA (PPM) KA	HAJ	Y (PPM) KA	HAJ	ZR (PPM) KA	HAJ	NB (PPM) KA	HAJ	MO (PPM) KA	HAJ
2.0 1656	94.3	16.5 1656	16.0	25.2 1656	6.1	80.9 1656	1.6	0.0 1656	33.7	0.0 1656	27.7

ARITMEETTISET KESKIARVOT JA HAJONNAT/KAHAJ/LOKKEN/OUTOKUMPU 08.07.85

U (PPM) KA	HAJ	TH (PPM) KA	HAJ	BI (PPM) KA	HAJ	TA (PPM) KA	HAJ	CE (PPM) KA	HAJ	LA (PPM) KA	HAJ
0.2	1.3	4.9	5.5	0.9	3.0	3.3	7.2	6.5	15.9	0.3	3.0
1656		1656		1656		1656		1656		1656	

GEOMETRISET KESKIARVOT JA HAJONNAT/KAHAJ/LOKKEN/OUTOKUMPU 08.07.85

U (PPM) KA	HAJ	TH (PPM) KA	HAJ	BI (PPM) KA	HAJ	TA (PPM) KA	HAJ	CE (PPM) KA	HAJ	LA (PPM) KA	HAJ
0.0	4.4	0.0	317.2	0.0	23.7	0.0	180.0	0.0	286.6	0.0	4.0
1656		1656		1656		1656		1656		1656	

ARITMEETTISET KESKIARVOT JA HAJONNAT/KAHAJ/LOKKEN/OUTOKUMPU 10.07.85

CL (PPM) KA	HAJ	K2O (PPM) KA	HAJ	CAO (PPM) KA	HAJ	S (PPM) KA	HAJ	RB (PPM) KA	HAJ	SR (PPM) KA	HAJ	SN (PPM) KA	HAJ	SB (PP KA
23.8	74.3	3260	5285	82784	30485	1464.2	9310.5	17.2	11.5	140.5	104.2	3.9	6.6	3.5
1656		1656		1656		1667		1656		1656		1656		1656

GEOMETRISET KESKIARVOT JA HAJONNAT/KAHAJ/LOKKEN/OUTOKUMPU 10.07.85

CL (PPM) KA	HAJ	K2O (PPM) KA	HAJ	CAO (PPM) KA	HAJ	S (PPM) KA	HAJ	RB (PPM) KA	HAJ	SR (PPM) KA	HAJ	SN (PPM) KA	HAJ	SB (PP KA
0.0	241.9	1435	3	74663	2	11.3	577.9	1.9	124.6	116.2	1.8	0.0	256.8	0.0 2
1656		1656		1656		1667		1656		1656		1656		1656

AUTARUUKKI OY
AAHEN RAUTATEHDAS
A TLB

ANALYYSIYHTEENVETO X179
PÄIVITTÄINEN &P.&K.&V

279 07.05.85 16:09:28

	NA2O	MGO	AL2O3	SIO2	P	S	CL	K2O	CAO	TI
	V	CR	MN	FE	NI	CU	ZN	AS	RB	SR
	Y	ZR	NB	MO	SN	SB	CS	BA	LA	CE
	TA	PB	BI	TH	U	SUM				
NÄYTEKOODIT	4284 - 4284		NÄYTENUMEROT	39026	- 39205					
KESKIARVO	3.892	6.964	15.695	49.000	0.054	0.072	0.002	0.360	8.649	0.717
	0.032	0.021	0.132	7.869	0.009	0.005	0.008	0.000	0.002	0.014
	0.004	0.008	0.000	0.000	0.000	0.000	0.001	0.004	0.000	0.000
	0.000	0.001	0.001	0.001	0.000	97.515				
HAJONTA	1.328	1.740	1.466	4.036	0.022	0.161	0.005	0.487	3.045	0.209
	0.009	0.016	0.036	1.526	0.006	0.004	0.006	0.001	0.001	0.007
	0.001	0.003	0.000	0.000	0.000	0.001	0.001	0.004	0.000	0.001
	0.000	0.000	0.001	0.000	0.000	2.122				
LUKUMÄÄRÄ	180	180	180	180	180	180	180	180	180	180
	180	180	180	180	180	180	180	180	180	180
	180	180	180	180	180	180	180	180	180	180
	180	180	180	180	180	180				
MINIMI	0.381	1.800	11.540	27.650	0.013	0.001	0.000	0.018	1.070	0.237
	0.002	0.001	0.020	1.860	0.000	0.000	0.002	0.000	0.001	0.002
	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	81.600				
MAKSIMI	8.010	11.860	23.670	74.970	0.135	1.350	0.031	2.650	24.770	1.980
	0.080	0.133	0.265	14.230	0.029	0.033	0.078	0.006	0.006	0.046
	0.008	0.025	0.001	0.001	0.001	0.002	0.004	0.025	0.000	0.004
	0.002	0.002	0.001	0.002	0.000	99.960				

RAUTARUUKKI OY
RAAHEN RAUTATEHDAS
RA TLB

ANALYYSIYHTEENVETO X179
PÄIVITTÄINEN &P.&K.&V

212 27.03.85 16:08:56

	NA2O	MGO	AL2O3	SIO2	P	S	CL	K2O	CAO	TI
	V	CR	MN	FE	NI	CU	ZN	AS	RB	SR
	Y	ZR	NB	MO	SN	SB	CS	BA	LA	CE
	TA	PB	BI	TH	U	SUM				

PROVE

NÄYTEKOODIT 4284 - 4284 NÄYTENUMEROT 37585 - 38020

37585 - 37898
37941 - 38020 (008-20 BL jouw 7.

MIDDELVERDI
KESKIARVO

3.864	6.465	15.471	49.769	0.056	0.274	0.004	0.250	8.878	0.687
0.032	0.022	0.125	7.567	0.008	0.006	0.009	0.003	0.002	0.015
0.004	0.008	0.000	0.000	0.000	0.000	0.001	0.005	0.000	0.001
0.000	0.001	0.000	0.001	0.000	97.284				

AVIK
HAJONTA

1.355	2.148	2.014	5.169	0.038	1.550	0.011	0.403	3.155	0.263
0.012	0.019	0.031	2.115	0.007	0.005	0.007	0.003	0.001	0.011
0.001	0.008	0.000	0.000	0.001	0.000	0.001	0.006	0.000	0.001
0.001	0.001	0.000	0.001	0.000	1.995				

LUKUMÄÄRÄ

394	394	394	394	394	394	394	394	394	394
394	394	394	394	394	394	394	394	394	394
394	394	394	394	394	394	394	394	394	394
394	394	394	394	394	394				

MINIMI

0.000	0.263	1.300	26.840	0.002	0.000	0.000	0.010	0.288	0.051
0.001	0.000	0.016	1.000	0.000	0.000	0.000	0.000	0.000	0.001
0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	87.120				

MAKSIMI

7.750	20.260	23.380	91.400	0.345	18.520	0.093	2.660	16.700	2.510
0.108	0.174	0.276	22.390	0.080	0.040	0.113	0.032	0.008	0.078
0.018	0.100	0.002	0.004	0.016	0.001	0.005	0.065	0.003	0.011
0.015	0.016	0.005	0.003	0.001	99.810				

6

RAUTARUUKKI OY
RAAHEN RAUTATEHDAS
RA TLB

ANALYYSIYHTEENVETO X179
PÄIVITTÄINEN &P.&K.&V

202 15.11.84 14:38:25

	NA2O	MGO	AL2O3	SIO2	P	S	CL	K2O	CAO	TI
	V	CR	MN	FE	NI	CU	ZN	AS	RB	SR
	Y	ZR	NB	MO	SN	SB	CS	BA	LA	CE
	TA	PB	BI	TH	U	SUM				

NÄYTEKOODIT 4284 - 4284 NÄYTENUMEROT 37532 — 39025

37532 - 37584 NT
38751 - 39025 LO

MIDDELVERDI KESKIARVO	3.907	6.633	15.119	51.466	0.056	0.219	0.003	0.462	7.692	0.657
	0.027	0.022	0.127	7.275	0.008	0.021	0.011	0.001	0.002	0.015
	0.004	0.010	0.000	0.000	0.000	0.000	0.001	0.008	0.000	0.001
	0.001	0.001	0.000	0.000	0.000	97.383				
RVIK HAJONTA	1.350	2.647	1.641	8.449	0.041	1.012	0.007	0.646	3.398	0.277
	0.012	0.017	0.064	2.784	0.006	0.256	0.025	0.002	0.001	0.014
	0.001	0.008	0.001	0.001	0.000	0.000	0.001	0.013	0.001	0.003
	0.001	0.001	0.000	0.001	0.000	1.730				
LUKUMÄÄRÄ	287	287	287	287	287	287	287	287	287	287
	287	287	287	287	287	287	287	287	287	287
	287	287	287	287	287	287	287	287	287	287
	287	287	287	287	287	287				
MINIMI	0.000	0.306	9.520	22.350	0.006	0.000	0.000	0.004	0.045	0.117
	0.000	0.000	0.016	1.210	0.000	0.000	0.000	0.000	0.001	0.001
	0.002	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	89.090				
MAKSIMI	8.490	14.120	20.200	78.780	0.327	11.910	0.056	4.470	15.650	2.180
	0.079	0.119	0.606	25.930	0.047	4.330	0.334	0.008	0.008	0.136
	0.013	0.068	0.006	0.004	0.002	0.001	0.012	0.137	0.007	0.023
	0.004	0.019	0.001	0.002	0.001	99.880				

RAUTARUUKKI OY
RAAHEN RAUTATEHDAS
RA TLB

ANALYYSIYHTEENVETO X175
ULKOPUOLISTEN NÄYTTEET
KASTELLI/TLB

134 25.06.85 16:13:54

	NA2O	MGO	AL2O3	SIO2	P	S	CL	K2O	CAO	TI
	V	CR	MN	FE	NI	CU	ZN	AS	RB	SR
	Y	ZR	NB	MO	SN	SB	CS	BA	LA	CE
	TA	PB	BI	TH	U	SUM				
NÄYTEKOODIT	4284 - 4284		NÄYTENUMEROT	39206	- 40300					
MIDDELVERDI										
KESKIARVO	4.049	6.508	15.109	49.569	0.065	0.091	0.002	0.307	8.109	0.751
	0.033	0.019	0.129	8.030	0.007	0.006	0.009	0.001	0.001	0.014
	0.003	0.009	0.000	0.000	0.001	0.000	0.001	0.004	0.000	0.001	
	0.000	0.001	0.000	0.000	0.000	98.914				
AVVIK										
HAJONTA	1.245	1.836	1.470	4.333	0.036	0.224	0.006	0.537	2.798	0.213
	0.009	0.016	0.040	1.628	0.006	0.011	0.006	0.001	0.001	0.009
	0.002	0.004	0.000	0.001	0.001	0.000	0.001	0.005	0.000	0.001	
	0.000	0.001	0.000	0.000	0.000	2.026				
LUKUMÄÄRÄ	795	795	795	795	795	795	795	795	795	795
	795	795	795	795	795	795	795	795	795	795
	795	795	795	795	795	795	795	795	795	795
	795	795	795	795	795	795				
MINIMI	0.000	0.921	4.110	37.920	0.012	0.001	0.000	0.010	0.849	0.114
	0.003	0.000	0.021	1.380	0.000	0.000	0.001	0.000	0.000	0.001
	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	87.730				
MAKSIMI	8.860	17.780	22.810	73.810	0.555	0.180	0.067	5.090	20.630	2.000
	0.098	0.153	0.378	17.570	0.060	0.277	0.101	0.009	0.008	0.089
	0.008	0.056	0.004	0.016	0.002	0.002	0.004	0.076	0.005	0.023
	0.002	0.007	0.001	0.004	0.001	99.950				

∞

LOKKEN CUTCKUMPU OY 30.0..65

BEREGNEDE GRENSER:

		16%	50%	84.1%	97.7%
CU	1666 KPL, LASKETUT RAJAT :	14	50	80	173
	96.500-103.000 26.500- 46.500 1: 20000 PISTEITÄ KOOSSA 1604 Samlede punger				
ZN	1666 KPL, LASKETUT RAJAT :	60	89	114	210
	96.500-103.000 26.500- 46.500 1: 20000 PISTEITÄ KOOSSA 1604				
NI	1666 KPL, LASKETUT RAJAT :	39	80	138	232
	96.500-103.000 26.500- 46.500 1: 20000 PISTEITÄ KOOSSA 1604				
CO	1569 KPL, LASKETUT RAJAT :	30	40	51	73
	96.500-103.000 26.500- 46.500 1: 20000 PISTEITÄ KOOSSA 1519				
PB	1666 KPL, LASKETUT RAJAT :	9	16	27	39
	96.500-103.000 26.500- 46.500 1: 20000 PISTEITÄ KOOSSA 1604				
AG	275 KPL, LASKETUT RAJAT :	0.8	1.2	1.7	3.4
	96.500-103.000 26.500- 46.500 1: 20000 PISTEITÄ KOOSSA 249				

Frekvensfordeling.

FREKVENSSIJAKAUTUMAT/FREKP/LOKKEN/CUTOKUMPU 29.05.85 SIVU 1

CU (PPM)

HLUKM																		
	0.200	0.272	0.370	0.503	0.683	0.929	1.263	1.717	2.324	3.173	4.314	5.865	7.974	10.84	14.74	20.04	27.24	37.03	50.35
	60.45	93.06	126.5	172.0	233.8	317.9	432.2	587.6	798.8	1086	1477	2007	2729	3710	5044	6858	9323	12675	17232
	23427	31649	43300																
1667	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	1.4	2.9	5.2	4.7	4.9	6.3	8.8	16.3
	21.1	17.9	4.2	1.9	1.0	0.5	0.3	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.1																
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.9	3.3	6.2	11.4	16.1	21.1	27.4	36.2	52.5
	78.5	91.5	95.7	97.7	98.7	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	99.9	99.9	100.0																
	16.00		14.60800	50.00		48.04352	84.10		81.92526	97.70		174.06546							

FREKVENSSIJAKAUTUMAT/FREKP/LOKKEN/CUTOKUMPU 29.05.85 SIVU 2

ZN (PPM)

HLUKM																		
	0.200	0.255	0.325	0.415	0.529	0.674	0.860	1.096	1.398	1.783	2.274	2.899	3.697	4.714	6.011	7.666	9.775	12.46	15.89
	20.27	25.85	32.96	42.03	53.59	68.34	87.14	111.1	141.7	180.7	230.4	293.8	374.7	477.8	609.2	776.9	990.6	1263	1611
	2054	2619	3340																
1667	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
	0.4	0.4	1.7	2.9	6.7	10.0	24.5	36.1	11.5	2.8	1.0	0.7	0.4	0.2	0.4	0.1	0.1	0.2	0.1
	0.1	0.0	0.1																
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
	0.5	0.9	2.6	5.5	12.2	22.2	46.7	82.7	94.2	96.9	97.9	98.6	99.0	99.2	99.5	99.6	99.6	99.8	99.9
	99.9	99.9	100.0																
	16.00		58.79916	50.00		89.12007	84.10		114.41364	97.70		219.00729							

10.

FREKVENSSIJAKAUTUMAT/FREKP/LOKKEN/CUTOKUMPU 29.05.85 SIVU 3

NI (PPM)

HLUKM	0.200	0.246	0.302	0.372	0.457	0.562	0.691	0.849	1.044	1.283	1.577	1.939	2.384	2.931	3.604	4.430	5.446	6.696	8.232
	10.12	12.44	15.30	18.80	23.12	28.42	34.94	42.96	52.81	64.93	79.82	98.13	120.6	148.3	182.3	224.2	275.6	338.8	416.5
	512.1	629.6	774.0																
1667	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.2
	0.8	0.3	0.7	1.0	2.6	2.3	4.0	5.1	7.3	9.6	14.2	16.2	11.5	10.1	6.5	3.7	1.4	0.9	0.2
	0.2	0.1	0.1																
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8	1.0	1.1	1.3
	2.0	2.3	3.0	4.0	5.7	8.9	12.9	18.0	25.3	34.9	49.1	65.3	76.8	87.0	93.5	97.2	98.6	99.5	99.7
	99.9	99.9	100.0																
	16.00	29.62094	50.00	80.71187	84.10	139.86087	97.70	241.51875											

FREKVENSSIJAKAUTUMAT/FREKP/LOKKEN/CUTOKUMPU 29.05.85 SIVU 4

CO (PPM)

HLUKM	0.200	0.237	0.280	0.332	0.393	0.465	0.551	0.652	0.772	0.914	1.081	1.230	1.516	1.794	2.124	2.515	2.977	3.525	4.173
	4.940	5.846	6.923	8.196	9.703	11.49	13.60	16.10	19.06	22.56	26.71	31.62	37.44	44.32	52.47	62.12	73.54	87.06	103.1
	122.0	144.4	171.0																
1570	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
	0.0	0.1	0.2	0.3	0.3	0.4	0.6	1.3	1.5	1.3	4.2	8.3	17.5	29.7	19.5	5.7	6.0	2.1	0.1
	0.0	0.0	0.0																
	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	1.0
	1.0	1.1	1.3	1.5	1.8	2.3	2.9	4.1	5.6	6.9	11.1	19.4	36.9	66.6	86.1	91.8	97.8	99.9	99.9
	99.9	99.9	99.9																
	16.00	29.48959	50.00	40.33069	84.10	51.56133	97.70	73.38959											

FREKVENSSIJAKAUTUMAT/FREKP/LOKKEN/CUTOKUMPU

PB (PPM) 29.05.85 SIVU 5

```
 HLUKMO.02000.02520.03160.03980.05010.06300.07920.0996 0.125 0.158 0.198 0.249 0.314 0.394 0.496 0.624 0.785 0.987 1.242
       1.562 1.965 2.471 3.108 3.910 4.918 6.185 7.780 9.786 12.31 15.48 19.47 24.49 30.81 38.75 48.74 61.30 77.11 96.99
       122.0 153.4 193.0

  1667   1.7   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.5
         0.0   0.0   0.4   1.4   0.0   1.3   3.7   2.0   5.7  15.7  14.2  14.3  16.4  12.5   7.7   1.5   0.6   0.1   0.1
         0.0   0.1   0.1
         1.7   1.7   1.7   1.7   1.7   1.7   1.7   1.7   1.7   1.7   1.7   1.7   1.7   1.7   1.7   1.7   1.7   1.7   2.3
         2.3   2.3   2.6   4.1   4.1   5.4   9.1  11.2  16.9  32.6  46.7  61.1  77.5  90.0  97.7  99.2  99.8  99.8  99.9
        99.9  99.9 100.0
       16.00       9.45394 50.00      16.31277 84.10      27.64992 97.70      38.98480
```

FREKVENSSIJAKAUTUMAT/FREKP/LOKKEN/CUTOKUMPU 29.05.85 SIVU 6

AG (PPM)

```
 HLUKMO.02000.02330.02720.03180.03700.04320.05040.05880.06860.08000.0934 0.109 0.127 0.148 0.173 0.202 0.235 0.275 0.320
       0.374 0.436 0.509 0.593 0.692 0.807 0.942 1.099 1.282 1.495 1.744 2.035 2.374 2.769 3.231 3.769 4.397 5.129 5.984
       6.981 8.143 9.500

  275   1.1   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.7   0.0   0.0   0.0   1.1   0.0   0.0   1.1
        0.0   2.2   2.5   0.0   2.2   7.3   6.2   5.8  21.1  18.2  14.9   4.4   2.9   2.9   1.8   1.8   0.7   0.7   0.0
        0.0   0.0   0.4
        1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.8   1.8   1.8   1.8   2.9   2.9   2.9   4.0
        4.0   6.2   8.7   8.7  10.9  18.2  24.4  30.2  51.3  69.5  84.4  88.7  91.6  94.5  96.4  98.2  98.9  99.6  99.6
       99.6  99.6 100.0
       16.00       0.77085 50.00      1.26987 84.10      1.73960 97.70      3.61816
```

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437675	TRONDH	97.830	43.500	73.69	0.16	15.66	1.43	0.02	0.26	0.29	6.53	1.27	0.05					99.47
				12	36	22	4	19		0.00	20	50	4		0	20	30	120
				30	110	0	10	0	0	20	160	0	0	10	0	10	0	
8437797	TRONDH	97.060	45.960	64.61	0.52	15.58	6.89	0.09	2.47	2.80	4.14	1.30	0.09					98.71
				46	119	38	13	27		0.05	80	70	19		0	160	30	140
				40	70	0	0	0	0	0	330	0	10	20	0	10	0	
8437801	TRONDH	97.530	45.980	65.34	1.05	11.43	11.25	0.06	3.44	1.76	4.54	0.04	0.12					99.24
				42	94	20	19	11		0.00	60	80	8		0	400	20	50
				40	60	0	0	0	10	20	20	0	0	20	0	10	0	
8437979	TRONDH	102.520	39.170	70.58	0.21	16.25	1.99	0.05	1.00	3.00	4.33	1.83	0.07					99.41
				5	45	5	4	10		0.00	80	60	12		0	30	40	220
				30	60	0	0	0	0	0	300	0	30	10	0	10	0	
8437989	TRONDH	101.570	39.990	68.98	0.32	16.31	2.50	0.04	1.34	2.94	5.60	1.20	0.10					99.47
				54	76	28	8	13		0.02	60	30	6		0	60	30	240
				30	100	0	0	0	0	20	120	0	20	0	0	20	0	
8438983	TRONDH	102.140	34.530	70.90	0.23	16.00	1.73	0.03	1.03	1.97	6.72	0.67	0.08					99.45
				15	46	16	14	18	0.4	0.00	50	10			0	20	30	140
				20	110	0	0	0	0	20	90	0	10	10	10	0	0	
8439222	TRONDH	102.340	36.320	68.88	0.35	16.60	2.32	0.04	0.96	3.52	5.52	1.03	0.13					99.38
				3	48	16	0	29		0.00	50	50	10		0	40	30	370
				20	120	0	0	0	0	10	120	0	0	10	0	10	0	
8439224	TRONDH	102.560	36.300	67.01	0.39	16.44	3.27	0.05	1.60	4.19	4.86	1.30	0.08					99.33
				8	42	27	5	25		0.00	70	30	8		0	70	30	230
				30	90	0	0	0	0	10	110	0	0	0	0	10	0	
8439491	TRONDH	101.820	38.500	71.60	0.27	15.59	2.04	0.03	0.92	2.51	5.36	1.10	0.09					99.61
				5	31	24	0	16		0.01	20	30	3		0	30	30	220
				30	100	0	0	0	0	20	150	0	0	0	0	10	0	
8439537	TRONDH	101.690	39.000	69.81	0.29	16.08	2.30	0.04	1.17	2.94	4.94	1.72	0.10					99.52
				10	62	17	4	31		0.03	30	20	4		0	50	30	310
				0	100	0	0	0	0	10	210	0	20	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %							OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8439567	TRONDH	100.280	39.500	69.88	0.29	15.77	2.57	0.03	1.49	2.10	6.51	0.81	0.09							99.64
				14	27	26	4	16		0.02	40	10	5		0	60	10	130		
				0	110	0	0	0	0	0	90	0	20	10	0	0	0			
8439610	TRONDH	102.090	40.050	69.11	0.36	16.32	2.44	0.03	1.12	2.46	6.07	1.27	0.13							99.45
				10	49	19	0	22		0.01	30	20	3		0	60	20	190		
				0	100	0	30	0	20	0	170	0	10	0	0	0	0			
8439633	TRONDH	100.250	40.500	70.68	0.22	15.91	1.97	0.03	1.20	2.27	5.07	2.00	0.07							99.52
				8	40	29	16	0		0.00	40	10	4		0	40	20	130		
				0	80	0	0	0	10	10	210	0	0	10	0	0	0			
8439642	TRONDH	100.800	40.500	68.97	0.34	16.14	2.93	0.03	1.30	2.19	6.09	1.22	0.10							99.41
				17	60	23	9	9		0.01	20	60	5		0	70	20	210		
				0	120	0	0	10	0	10	50	0	0	0	0	0	0			
8439691	TRONDH	101.040	40.990	68.91	0.38	15.68	3.03	0.04	1.36	2.72	6.53	0.33	0.13							99.25
				9	62	18	7	14		0.03	0	50	5		0	70	10	290		
				0	110	0	0	0	10	0	70	0	10	10	0	0	0			
8439997	TRONDH	100.890	42.010	69.90	0.28	16.16	2.17	0.04	1.08	2.75	5.63	1.24	0.09							99.45
				16	48	39	9	35		0.03	20	40	7		0	40	20	240		
				0	100	0	0	0	10	10	230	0	20	10	0	0	0			

LOKKEN,TRONDHJEMITTGANGER 01.11.85 SIVU 1

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	S PPM	
8437675	TRONDH	97.830	43.500	73.69	0.16	15.66	1.43	0.02	0.26	0.29	6.53	1.27	0.05						99.47
				12	36	22	4	19		0.00	20	50	4		0	20	30	120	
				30	110	0	10	0	0	20	160	0	0	10	0	10	0		
8437797	TRONDH	97.060	45.960	64.61	0.52	15.58	6.89	0.09	2.47	2.80	4.14	1.30	0.09						98.71
				46	119	38	13	27		0.05	80	70	19		0	160	30	140	
				40	70	0	0	0	0	0	330	0	10	20	0	10	0		
8437801	TRONDH	97.530	45.980	65.34	1.05	11.43	11.25	0.06	3.44	1.76	4.54	0.04	0.12						99.24
				42	94	20	19	11		0.00	60	80	8		0	400	20	50	
				40	60	0	0	0	10	20	20	0	0	20	0	10	0		
8437979	TRONDH	102.520	39.170	70.58	0.21	16.25	1.99	0.05	1.00	3.00	4.33	1.83	0.07						99.41
				5	45	5	4	10		0.00	80	60	12		0	30	40	220	
				30	60	0	0	0	0	0	300	0	30	10	0	10	0		
8437989	TRONDH	101.570	39.990	68.98	0.32	16.31	2.50	0.04	1.34	2.94	5.60	1.20	0.10						99.47
				54	76	28	8	13		0.02	60	30	6		0	60	30	240	
				30	100	0	0	0	0	20	120	0	20	0	0	20	0		
8438983	TRONDH	102.140	34.530	70.90	0.23	16.00	1.73	0.03	1.03	1.97	6.72	0.67	0.08						99.45
				15	46	16	14	18	0.4	0.00	50	10			0	20	30	140	
				20	110	0	0	0	0	20	90	0	10	10	10	0	0		
8439222	TRONDH	102.340	36.320	68.88	0.36	16.50	2.32	0.04	0.96	3.52	5.52	1.03	0.13						99.38
				3	48	16	0	29		0.00	50	50	10		0	40	30	370	
				20	120	0	0	0	0	10	120	0	0	10	0	10	0		
8439224	TRONDH	102.560	36.300	67.01	0.39	16.44	3.27	0.05	1.60	4.19	4.86	1.30	0.08						99.33
				8	42	27	5	25		0.00	70	30	8		0	70	30	230	
				30	90	0	0	0	0	10	110	0	0	0	0	10	0		
8439491	TRONDH	101.820	38.500	71.60	0.27	15.59	2.04	0.03	0.92	2.51	5.36	1.10	0.09						99.61
				5	31	24	0	16		0.01	20	30	3		0	30	30	220	
				30	100	0	0	0	0	20	150	0	0	0	0	10	0		
8439537	TRONDH	101.690	39.000	69.81	0.29	16.08	2.30	0.04	1.17	2.94	4.94	1.72	0.10						99.52
				10	52	17	4	31		0.03	30	20	4		0	50	30	310	
				0	100	0	0	0	0	10	210	0	20	0	0	0	0		

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8439567	TRONDH	100.280	39.500	69.88	0.29	15.77	2.57	0.03	1.49	2.10	6.51	0.81	0.09						99.64
				14	27	26	4	16		0.02	40	10	5		0	60	10	130	
				0	110	0	0	0	0	0	90	0	20	10	0	0	0		
8439610	TRONDH	102.090	40.050	69.11	0.36	16.32	2.44	0.03	1.12	2.46	6.07	1.27	0.13						99.45
				10	49	19	0	22		0.01	30	20	3		0	60	20	190	
				0	100	0	30	0	20	0	170	0	10	0	0	0	0		
8439633	TRONDH	100.250	40.500	70.68	0.22	15.91	1.97	0.03	1.20	2.27	5.07	2.00	0.07						99.52
				8	40	29	16	0		0.00	40	10	4		0	40	20	130	
				0	80	0	0	0	10	10	210	0	0	10	0	0	0		
8439642	TRONDH	100.800	40.500	68.97	0.34	16.14	2.93	0.03	1.30	2.19	6.09	1.22	0.10						99.41
				17	60	23	9	9		0.01	20	60	5		0	70	20	210	
				0	120	0	0	10	0	10	50	0	0	0	0	0	0		
8439691	TRONDH	101.040	40.990	68.91	0.38	15.68	3.03	0.04	1.36	2.72	6.53	0.33	0.13						99.25
				9	62	18	7	14		0.03	0	50	5		0	70	10	290	
				0	110	0	0	0	10	0	70	0	10	10	0	0	0		
8439997	TRONDH	100.890	42.010	69.90	0.28	16.16	2.17	0.04	1.08	2.75	5.63	1.24	0.09						99.45
				16	48	39	9	35		0.03	20	40	7		0	40	20	240	
				0	100	0	0	0	10	10	230	0	20	10	0	0	0		

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SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8437607	KVKER	101.420	30.490	73.23	0.33	13.46	3.40	0.05	1.04	0.79	5.51	1.18	0.08						99.22
				6	59	3	4	11		0.01	70	80	8		0	40	30	70	
				60	180	0	0	0	0	0	240	0	40	10	0	20	0		
8437776	KVKER	97.080	45.480	71.79	0.34	10.30	4.46	0.11	1.96	5.48	3.33	0.14	0.04						98.17
				40	101	35	16	27		0.03	220	200	12		0	110	20	180	
				50	130	10	10	0	10	0	60	0	20	40	0	10	0		
8437812	KVKER	98.930	45.980	74.39	0.33	10.45	4.39	0.14	1.43	2.87	3.50	1.05	0.05						98.92
				86	207	12	13	12		0.06	130	140	7		0	70	30	40	
				60	130	10	0	0	0	10	190	0	20	20	0	10	0		
8438786	KVKER	100.520	32.990	76.41	0.21	12.41	2.34	0.02	0.93	0.11	4.54	1.87	0.03						99.02
				4	37	0	3	10	0.5	0.00	40	50			0	0	40	40	
				70	210	0	20	0	0	10	330	10	60	20	0	10	0		
8438787	KVKER	100.550	32.980	77.17	0.20	12.35	2.19	0.03	0.44	0.05	5.17	1.62	0.02						99.35
				4	39	0	14	13	0.9	0.00	30	30			0	0	40	30	
				70	210	0	20	0	0	0	290	10	70	10	0	10	0		
8438788	KVKER	100.650	32.980	76.06	0.22	12.10	2.37	0.05	0.89	0.53	4.86	1.49	0.02						98.77
				5	50	0	15	16	0.5	0.01	30	50			0	10	30	40	
				60	210	10	10	0	10	0	500	0	60	30	0	10	0		
8438789	KVKER	100.740	33.050	77.81	0.20	11.94	2.10	0.02	0.58	0.30	4.56	1.75	0.03						99.41
				5	52	0	13	12	0.9	0.02	40	10			0	10	30	30	
				70	200	0	20	0	0	10	150	0	60	10	0	20	0		
8438795	KVKER	101.130	33.000	76.67	0.21	12.39	2.20	0.03	0.64	0.82	4.83	1.54	0.03						99.51
				8	20	0	3	18	0.2	0.03	50	10			0	0	40	80	
				70	210	0	20	0	0	0	340	0	60	0	0	10	0		
8438797	KVKER	101.280	33.000	76.72	0.21	12.78	2.03	0.02	0.56	0.28	5.46	1.20	0.03						99.39
				4	26	0	10	7	0.3	0.02	40	20			0	0	30	30	
				70	190	0	20	0	10	0	210	10	50	10	0	10	0		
8438802	KVKER	101.720	33.000	77.21	0.21	12.23	2.24	0.06	0.50	0.35	5.30	1.19	0.03						99.44
				4	45	0	11	14	0.3	0.01	20	10			0	0	30	40	
				70	220	0	20	0	0	10	370	0	60	20	0	10	0		

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8438854	KVKER	100.660	33.510	78.78	0.22	11.86	1.77	0.02	0.80	0.30	3.13	1.98	0.03						99.02
				8	33	9	16	17	0.5	0.00	60	40			0	10	40		20
				60	190	0	20	0	0	10	210	0	40	20	0	10	0		
8438855	KVKER	100.740	33.500	76.11	0.23	12.88	2.24	0.03	0.70	0.48	5.56	1.01	0.03						99.38
				6	34	6	18	19	0.4	0.00	40	40			0	10	30		60
				70	200	0	30	0	0	0	260	0	50	10	0	20	0		
8438868	KVKER	101.520	33.510	75.94	0.22	12.21	2.29	0.05	0.48	1.05	5.19	1.11	0.02						98.76
				0	48	12	10	25	0.6	0.08	70	60			0	10	30		60
				70	210	0	30	0	0	0	220	10	80	40	0	10	0		
8438909	KVKER	100.060	34.000	77.69	0.20	11.26	2.12	0.03	0.71	0.63	4.34	1.77	0.04						98.92
				10	51	12	9	19	0.0	0.05	40	60			0	10	40		80
				60	200	10	0	0	0	20	170	0	40	30	0	20	0		
8438910	KVKER	100.140	34.000	74.29	0.27	12.20	2.77	0.04	1.33	1.33	4.43	2.55	0.03						99.39
				13	30	21	16	20	0.0	0.01	80	20			0	30	40		60
				50	200	0	0	0	0	0	420	0	50	10	0	20	0		
8438911	KVKER	100.180	34.000	76.47	0.20	11.99	2.26	0.03	0.49	0.46	4.87	1.89	0.03						98.87
				8	23	12	11	26	0.1	0.02	80	80			0	10	40		40
				70	220	10	0	0	10	0	340	0	70	30	0	10	0		
8438912	KVKER	100.250	34.000	76.84	0.21	11.99	2.02	0.04	0.70	1.16	4.63	1.57	0.03						99.33
				9	76	10	12	37	0.0	0.05	30	40			0	0	30		70
				70	190	0	30	0	0	0	170	0	90	10	0	20	0		
8438916	KVKER	100.760	33.910	73.91	0.29	12.44	3.05	0.04	1.03	1.87	3.13	2.07	0.04						98.02
				0	39	18	13	26	1.2	0.00	60	20			70	30	40		50
				70	200	0	20	0	0	30	350	10	60	10	10	10	0		
8438920	KVKER	101.150	33.950	77.09	0.21	11.46	2.57	0.04	1.32	1.18	5.22	0.06	0.02						99.29
				8	40	23	15	21	0.2	0.01	80	40			0	30	10		150
				50	170	0	20	0	0	20	40	0	50	10	0	10	0		
8438931	KVKER	102.080	34.020	77.24	0.21	11.76	2.20	0.04	0.84	1.02	4.86	1.07	0.03						99.39
				10	53	6	10	21	0.3	0.02	60	30			0	10	30		110
				40	200	10	0	0	10	10	200	0	50	10	0	10	0		

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8438932	KVKER	102.120	34.020	70.17	0.33	15.72	2.39	0.03	1.00	2.30	5.11	1.77	0.11						99.07
				6	50	9	19	27	0.1	0.00	30	30			0	40	50	240	
				30	110	10	0	0	10	10	250	0	30	30	0	0	0		

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SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OKSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437589	HÖLPOR	98.350	30.480	56.27	1.00	15.45	9.45	0.12	5.64	3.53	2.62	2.05	0.20					96.56
				46	107	131	31	39		0.00	300	30	55		0	230	70	220
				50	150	10	0	0	10	10	210	10	40	10	0	10	0	
8437657	HÖLPOR	98.070	42.480	52.89	0.91	17.55	9.26	0.15	4.56	8.44	4.39	0.35	0.31					99.05
				54	72	43	30	18		0.06	50	50	10		30	280	30	590
				30	100	10	0	0	0	20	60	0	40	0	0	10	0	
8437671	HÖLPOR	99.940	42.490	54.08	1.20	18.80	9.98	0.14	3.61	3.72	6.04	0.50	0.77					99.07
				219	108	36	30	22		0.02	10	20	13		20	250	30	330
				50	250	20	0	0	10	10	90	10	80	0	0	30	0	
8437735	HÖLPOR	100.750	43.980	55.15	1.23	17.44	9.61	0.14	3.48	5.27	5.71	0.56	0.56					99.54
				114	87	42	19	30		0.20	30	50	7		0	300	20	390
				50	260	20	0	0	0	0	160	10	90	10	0	30	0	
8437775	HÖLPOR	100.320	44.970	53.71	1.08	16.55	10.29	0.18	3.70	6.81	3.76	2.09	0.50					98.96
				44	130	25	28	50		0.03	40	20	10		0	300	60	260
				50	210	10	0	0	10	40	650	0	40	0	0	30	0	
8437785	HÖLPOR	98.300	45.430	51.75	0.93	15.39	9.54	0.15	8.03	7.60	4.15	0.31	0.28					98.39
				57	101	102	31	33		0.02	380	30	12		140	240	30	460
				40	150	10	0	0	0	10	80	0	40	0	0	20	0	
8437796	HÖLPOR	96.810	45.970	56.86	1.00	18.18	6.43	0.14	2.21	7.19	4.33	2.66	0.44					99.73
				28	62	23	9	44		0.00	40	10	14		10	160	80	540
				60	250	20	0	0	10	0	620	10	90	0	0	30	0	
8437802	HÖLPOR	97.620	45.990	53.49	1.23	18.92	8.82	0.18	3.41	4.34	6.07	1.38	0.79					98.92
				241	129	28	24	34		0.00	30	40	8		80	230	40	400
				50	320	20	0	0	0	10	200	30	110	0	0	30	0	
8437973	HÖLPOR	100.450	41.750	52.59	0.99	16.91	9.95	0.15	5.03	7.29	4.18	1.48	0.41					99.25
				46	107	34	28	30		0.09	80	40	12		0	280	50	320
				50	180	10	0	10	0	20	380	0	50	0	0	20	0	
8437974	HÖLPOR	100.340	41.750	51.28	0.91	15.14	8.79	0.14	4.44	7.55	2.94	1.17	0.36					92.88
				30	175	27	27	14		0.02	70	40	24		0	230	40	150
				40	150	10	0	0	10	10	150	10	40	10	0	20	0	

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SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %	OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438006	HÖLPOR	97.380	45.000	52.00	1.10	16.46	10.04	0.15	5.13	7.21	4.71	0.78	0.53					98.39
				163	114	53	39	41	.	0.05	60	40	20		30	290	30	290
				40	230	20	10	0	10	30	170	0	90	0	0	30	0	
8438837	HÖLPOR	99.430	33.520	52.79	0.73	15.95	7.41	0.14	6.68	9.83	4.97	0.04	0.60					99.54
				23	83	56	42	35	1.8	0.06	270	10			0	170	20	1300
				40	460	20	0	0	0	20	30	70	230	10	0	20	0	
8438843	HÖLPOR	99.740	33.510	53.40	0.70	15.62	7.66	0.13	6.11	9.84	5.18	0.05	0.58					99.74
				65	85	84	57	49	0.7	0.17	230	10			0	170	20	1360
				40	430	10	0	0	10	10	50	60	190	0	0	20	0	
8439246	HÖLPOR	99.950	36.490	51.38	1.02	17.21	10.25	0.14	6.19	5.36	4.88	0.50	0.32					97.41
				71	80	87	34	27		0.00	150	0	10		0	250	20	180
				40	140	10	0	0	10	20	30	0	40	10	0	10	0	
8439370	HÖLPOR	99.870	37.500	59.46	0.87	18.22	8.71	0.09	3.99	1.82	3.05	2.35	0.24					99.13
				70	98	107	24	25		0.16	160	40	41		0	170	80	120
				50	180	10	0	0	0	10	370	10	40	10	0	20	0	
8439549	HÖLPOR	98.730	39.480	53.21	1.23	16.95	10.88	0.14	4.51	5.40	6.27	0.14	0.54					99.53
				130	97	30	27	16		0.09	30	0	10		0	340	0	370
				20	240	20	0	10	0	10	40	20	90	10	0	10	10	
8439707	HÖLPOR	98.270	41.490	55.83	0.76	13.76	9.97	0.15	4.95	4.89	3.24	0.70	0.13					94.59
				50	96	119	26	18		0.07	250	10	28		0	210	20	80
				20	100	0	0	0	10	20	160	10	30	0	0	0	0	
8439729	HÖLPOR	100.250	41.510	46.60	1.77	16.57	12.42	0.17	4.22	9.08	2.87	0.82	1.27					96.17
				49	133	33	16	29		0.12	20	20	10		0	290	30	530
				50	560	40	0	10	10	30	150	50	230	0	0	40	10	
8439922	HÖLPOR	98.800	43.010	50.78	1.00	16.43	9.68	0.13	5.55	9.91	4.67	0.21	0.35					98.94
				39	74	45	31	23		0.02	30	0	6		0	280	0	730
				20	120	0	0	10	0	10	80	10	100	0	0	10	0	
8439972	HÖLPOR	98.340	42.050	51.19	0.95	16.11	9.82	0.14	6.15	6.65	4.79	1.22	0.37					97.61
				48	91	126	33	24		0.00	190	10	13		0	250	20	220
				20	190	10	0	10	0	20	240	0	50	0	0	10	0	

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SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439996	HÖLPOR	100.830	41.970	54.01	1.03	16.70	9.22	0.16	2.77	5.90	4.51	2.62	0.65					97.89
				193	93	47	26	59		0.08	20	30	3		0	230	80	330
				20	230	10	0	10	0	20	760	10	110	0	0	20	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OKSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437667	GABBRO	99.270	42.490	46.98	1.45	15.81	12.04	0.18	7.16	11.30	2.94	0.20	0.13					98.53
				97	69	117	50	10		0.13	240	20	8		770	360	20	130
				40	80	0	0	0	10	20	10	0	10	10	0	10	0	
8437668	GABBRO	99.410	42.430	50.09	1.09	15.26	12.57	0.22	7.31	7.46	4.01	0.43	0.09					98.73
				22	76	43	46	3		0.02	100	10	8		470	280	20	120
				40	60	0	0	0	10	20	80	0	0	0	0	10	0	
8437669	GABBRO	99.760	42.420	46.12	1.46	13.93	13.37	0.23	7.53	11.87	2.50	0.17	0.02					97.43
				55	85	90	46	10		0.08	170	60	9		170	440	20	170
				30	20	0	0	0	10	20	40	0	10	10	0	0	0	
8437670	GABBRO	99.810	42.400	46.52	0.71	17.29	8.65	0.14	9.20	11.91	2.67	0.11	0.06					97.52
				124	57	144	53	3		0.11	360	60	13		60	180	20	290
				30	30	0	10	0	10	10	40	0	0	10	0	10	0	
8437682	GABBRO	99.040	43.420	56.44	1.08	15.57	12.11	0.17	3.21	4.16	6.23	0.37	0.16					99.66
				13	58	26	27	10		0.01	20	20	4		130	280	20	160
				40	60	0	0	0	0	10	60	0	10	10	0	10	0	
8437683	GABBRO	99.080	43.450	51.90	1.04	13.02	12.67	0.17	3.07	16.25	0.16	0.01	0.07					98.62
				9	36	44	28	24		0.01	50	40	3		50	590	20	780
				30	30	0	0	0	10	10	10	0	0	10	0	10	0	
8437684	GABBRO	99.130	43.500	59.92	1.05	14.85	11.42	0.28	2.33	5.22	3.75	0.03	0.15					99.17
				34	173	27	18	6		0.02	20	40	7		30	210	20	280
				50	90	0	0	0	0	0	0	0	10	90	0	10	0	
8437685	GABBRO	99.300	43.510	49.81	2.39	15.14	11.34	0.13	3.47	14.19	2.52	0.02	0.34					99.62
				32	29	39	31	21		0.06	40	40	3		150	380	20	780
				60	90	10	0	0	10	10	0	0	0	0	10	10	0	
8437686	GABBRO	99.340	43.540	48.94	0.64	20.83	6.83	0.11	5.37	12.24	3.33	0.11	0.05					98.62
				21	106	90	29	10		0.03	230	10	10		40	180	20	180
				30	30	0	0	0	0	20	30	0	0	10	0	10	0	
8437687	GABBRO	99.380	43.520	59.81	1.15	17.58	5.78	0.08	2.13	4.78	7.75	0.04	0.36					99.69
				10	30	36	17	14		0.02	50	10	3		70	110	10	90
				110	920	10	0	0	10	0	10	0	40	10	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437688	GABBRO	99.540	43.520	44.22	4.19	12.86	18.54	0.29	5.56	9.30	3.02	0.41	0.14					98.94
				59	106	54	51	16		0.21	40	30	5		920	580	30	140
				40	120	10	0	20	0	20	40	0	30	0	0	10	0	
8437689	GABBRO	99.590	43.530	49.28	1.95	13.84	13.47	0.22	6.30	10.10	3.60	0.22	0.16					99.47
				35	80	63	40	14		0.05	110	20	4		930	460	20	220
				50	110	0	0	10	0	20	20	0	10	10	0	10	0	
8437710	GABBRO	98.690	44.000	49.46	2.09	13.49	14.30	0.27	5.53	9.49	4.16	0.24	0.19					99.44
				38	98	54	46	28		0.04	50	10	8		310	450	20	120
				60	170	0	0	10	10	10	30	0	20	0	0	0	0	
8437711	GABBRO	98.750	43.980	48.37	1.22	17.97	10.52	0.18	5.23	11.17	3.28	0.54	0.12					98.90
				85	89	78	44	16		0.10	170	20	9		200	270	20	190
				40	110	0	0	0	10	20	70	0	0	0	0	10	0	
8437712	GABBRO	98.810	43.970	48.00	0.99	17.42	9.41	0.15	6.99	13.09	2.36	0.47	0.08					99.18
				39	63	113	40	19		0.01	340	30	13		40	250	20	200
				30	60	0	0	0	10	0	60	0	0	20	0	10	0	
8437713	GABBRO	98.870	43.980	50.22	0.57	15.68	7.81	0.13	8.45	11.50	3.37	0.22	0.03					98.15
				80	47	98	43	16		0.00	220	20	13		20	200	20	130
				30	30	0	0	0	0	30	50	0	0	0	0	0	0	
8437714	GABBRO	98.930	44.020	49.64	1.98	15.72	7.53	0.11	6.66	12.31	3.21	0.24	0.20					97.91
				26	34	100	33	23		0.06	400	20	9		100	390	20	190
				50	160	0	0	0	0	20	30	0	0	30	0	10	0	
8437715	GABBRO	99.030	43.980	46.93	1.36	14.17	18.53	0.12	6.39	7.87	3.73	0.15	0.05					99.60
				13	51	64	50	11		0.00	10	30	7		200	970	20	160
				30	30	0	0	10	0	30	40	0	0	10	10	10	0	
8437716	GABBRO	99.130	43.990	49.77	0.66	14.70	8.11	0.14	6.87	14.57	3.19	0.10	0.03					98.37
				12	46	91	34	12		0.00	410	50	7		220	240	20	370
				30	30	0	0	10	10	0	40	0	0	0	0	10	0	
8437717	GABBRO	99.230	43.990	43.59	2.15	13.80	17.73	0.17	4.59	14.21	0.91	0.04	0.14					97.70
				64	55	45	46	22		0.01	10	80	7		130	970	20	620
				40	60	0	0	10	10	30	20	0	0	0	0	0	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437718	GABBRO	99.320	44.030	50.44	1.19	15.51	11.84	0.18	6.13	9.08	3.50	0.28	0.05					98.38
				9	48	45	40	20		0.01	80	40	8		110	430	20	130
				30	40	0	0	10	10	10	50	0	0	10	0	10	0	
8437721	GABBRO	99.600	43.950	45.09	1.97	14.22	19.46	0.22	7.66	5.00	3.89	0.43	0.05					98.42
				98	85	73	69	24		0.16	30	10	14		380	1080	20	70
				40	40	0	0	0	0	30	40	0	0	0	0	10	0	
8437745	GABBRO	99.070	44.510	45.89	1.29	18.25	8.94	0.14	5.98	11.57	2.88	0.46	0.15					95.77
				116	77	101	35	33		0.06	120	50	11		100	260	20	210
				40	110	0	0	0	10	10	60	0	0	0	0	10	0	
8437746	GABBRO	99.160	44.510	48.81	0.75	16.85	8.29	0.15	7.09	11.44	3.09	0.47	0.06					97.19
				83	68	100	37	27		0.01	200	10	9		30	200	20	160
				30	60	0	0	0	0	30	60	0	0	0	10	10	0	
8437768	GABBRO	98.740	44.970	48.56	2.15	16.78	10.52	0.19	4.84	12.65	3.28	0.10	0.09					99.57
				141	67	59	34	30		0.27	80	60	7		0	480	20	310
				40	80	0	0	0	10	40	20	0	20	10	0	10	0	
8437769	GABBRO	99.020	45.060	52.84	1.78	16.42	8.51	0.13	3.36	10.89	5.22	0.02	0.36					99.74
				14	36	36	23	28		0.01	20	0	4		50	300	20	410
				80	340	0	0	0	10	20	10	0	10	0	0	10	0	
8437770	GABBRO	99.100	45.050	53.59	2.37	15.20	6.76	0.15	5.14	11.11	4.54	0.05	0.40					99.53
				7	41	58	27	34		0.00	10	60	5		20	630	20	260
				40	100	10	0	0	10	10	20	0	10	10	0	0	0	
8437790	GABBRO	98.740	45.490	51.91	0.60	15.44	7.53	0.13	8.56	9.95	3.55	0.30	0.06					98.29
				9	69	93	39	30		0.00	560	60	11		390	150	20	140
				40	110	0	0	0	10	10	40	0	20	10	10	10	0	
8437792	GABBRO	99.090	45.510	52.56	0.47	13.98	7.85	0.14	7.40	9.01	4.15	0.19	0.01					95.92
				8	58	52	32	25		0.01	160	40	15		110	170	20	140
				30	20	0	0	0	0	20	70	0	0	10	0	10	0	
8437793	GABBRO	99.160	45.520	50.17	0.96	18.52	8.11	0.10	5.80	9.75	4.18	0.42	0.08					98.27
				6	43	58	30	30		0.01	180	30	16		90	240	20	240
				30	80	0	0	0	10	20	60	0	0	10	0	0	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8437869	GABBRO	101.690	27.980	49.81	0.36	16.24	6.66	0.12	8.37	13.01	1.96	0.08	0.01						96.81
				65	74	114	38	30		0.02	490	20	8		0	130	10	140	
				30	20	0	0	0	0	0	50	0	0	10	0	0	0		
8437870	GABBRO	101.600	27.990	45.26	0.49	19.31	8.11	0.12	9.82	11.42	1.93	0.10	0.04						96.77
				40	71	206	48	22		0.02	250	20	12		20	120	10	180	
				20	30	0	0	0	10	10	50	0	0	0	0	0	0		
8437871	GABBRO	101.440	27.990	48.40	0.56	17.84	7.65	0.13	7.67	13.27	2.36	0.05	0.03						98.17
				30	83	105	37	20		0.02	300	80	9		90	190	20	180	
				30	20	10	0	0	0	10	40	0	10	10	10	10	0		
8437946	GABBRO	100.750	30.690	46.75	0.55	16.27	9.36	0.15	8.74	12.21	2.05	0.22	0.04						96.57
				65	87	109	48	13		0.02	440	40	10		340	180	20	120	
				30	30	0	0	0	10	10	20	0	0	10	0	0	0		
8437947	GABBRO	100.850	30.710	49.33	0.61	15.47	8.75	0.16	7.60	12.61	2.92	0.33	0.03						97.97
				58	71	80	41	26		0.01	190	30	10		150	240	20	130	
				30	20	0	0	0	0	0	70	0	0	10	0	0	0		
8437948	GABBRO	100.970	30.660	47.16	0.68	15.91	9.97	0.15	6.99	12.64	2.55	0.11	0.03						96.36
				23	99	64	46	32		0.02	110	50	9		230	280	20	140	
				20	20	0	0	0	0	20	10	0	0	10	0	0	0		
8437949	GABBRO	101.960	31.640	47.92	0.36	16.82	7.36	0.12	9.60	12.08	2.31	0.07	0.01						96.85
				15	153	116	38	28		0.01	640	60	11		0	160	20	110	
				20	10	0	0	0	10	10	50	0	0	0	0	0	0		
8437950	GABBRO	101.840	31.710	48.06	0.46	17.15	8.28	0.14	9.11	9.96	2.86	0.46	0.02						96.71
				16	87	112	43	24		0.00	700	50	13		30	180	20	150	
				20	20	0	0	0	10	0	70	0	0	10	0	10	0		
8437951	GABBRO	101.780	31.730	47.55	0.34	19.44	7.68	0.12	7.54	12.01	2.35	0.18	0.02						97.35
				26	66	111	40	20		0.02	340	40	11		10	140	20	150	
				20	10	0	0	0	0	10	70	0	0	0	0	10	0		
8437953	GABBRO	101.490	31.680	49.24	0.46	15.85	7.53	0.13	8.42	13.17	2.43	0.21	0.03						97.62
				12	75	109	41	27		0.02	220	20	10		110	190	20	130	
				30	20	0	0	0	0	20	60	0	0	0	0	10	0		

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437954	GABBRO	101.430	31.680	47.98	0.65	16.35	9.35	0.14	8.00	12.39	2.42	0.11	0.03					97.64
				69	117	119	41	21		0.02	260	50	10		140	320	20	140
				30	20	0	0	0	10	20	40	0	0	0	0	0	0	
8437955	GABBRO	101.270	31.690	46.48	0.32	18.84	7.68	0.13	9.03	13.08	1.50	0.02	0.01					97.23
				32	66	136	44	27		0.01	230	20	10		50	120	20	150
				20	10	0	0	0	10	10	20	0	0	0	0	10	0	
8437956	GABBRO	101.160	31.680	47.35	0.63	16.77	9.18	0.14	8.15	12.88	2.31	0.04	0.06					97.69
				51	82	111	46	29		0.00	210	50	10		230	190	20	140
				30	40	0	0	10	0	30	0	0	10	10	0	10	0	
8437957	GABBRO	100.560	37.880	47.29	1.15	16.35	11.27	0.14	7.19	8.92	3.45	0.68	0.09					96.75
				50	72	96	51	29		0.00	280	10	14		500	290	30	150
				40	70	0	0	0	0	20	40	0	0	0	0	10	0	
8437958	GABBRO	100.520	37.850	46.68	1.00	16.00	10.94	0.14	6.91	12.78	2.84	0.09	0.07					97.63
				13	106	96	47	23		0.00	290	40	12		180	280	20	170
				40	60	0	0	0	10	30	40	0	0	0	0	10	0	
8437959	GABBRO	100.240	37.900	49.61	1.23	15.27	11.45	0.17	6.55	10.48	3.15	0.66	0.11					98.88
				13	64	69	38	21		0.01	160	40	10		450	350	20	160
				40	70	0	0	0	10	20	70	0	10	10	0	10	0	
8437960	GABBRO	100.180	37.910	61.99	0.74	14.64	7.59	0.07	3.26	4.82	6.09	0.08	0.14					99.55
				6	26	25	38	19		0.00	30	40	10		50	230	10	130
				40	90	0	0	0	10	10	40	0	0	10	0	10	0	
8437961	GABBRO	100.080	37.920	47.72	1.36	15.04	12.38	0.16	7.97	8.50	2.84	0.89	0.12					97.20
				10	47	80	53	25		0.01	270	20	13		520	310	30	90
				40	100	0	0	0	10	10	50	0	0	0	0	10	0	
8437962	GABBRO	99.850	37.390	50.40	1.17	15.10	10.99	0.16	7.42	7.71	4.00	0.07	0.13					97.33
				9	56	47	49	27		0.00	160	30	13		140	310	10	130
				40	80	0	0	0	10	10	40	0	0	0	0	0	0	
8437963	GABBRO	99.930	37.430	50.24	1.41	15.46	12.18	0.17	5.66	7.83	4.17	0.22	0.14					97.66
				96	50	44	44	21		0.02	20	0	10		50	430	20	170
				40	90	0	0	0	10	20	20	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437964	GABBRO	100.040	37.410	51.24	1.39	15.63	13.11	0.15	4.66	8.34	4.56	0.21	0.11					99.59
				10	52	33	43	24		0.00	20	30	10		130	500	20	190
				40	70	0	0	0	10	0	50	0	0	0	0	10	0	
8437965	GABBRO	100.230	37.460	72.95	0.44	13.49	3.03	0.03	0.85	2.48	5.73	0.02	0.02					99.18
				5	21	13	15	19		0.01	60	90	8		60	10	10	120
				60	400	10	0	0	10	0	20	0	0	10	0	10	0	
8437966	GABBRO	100.290	37.380	50.49	0.61	21.55	7.55	0.05	0.34	11.28	5.22	1.56	0.11					99.02
				7	21	28	13	31		0.00	20	20	8		0	40	30	460
				180	1000	20	0	10	0	30	70	0	70	10	0	10	0	
8437995	GABBRO	101.070	31.550	48.02	0.89	17.02	7.49	0.12	8.18	13.04	2.67	0.09	0.08					97.86
				124	89	91	39	22		0.01	650	40	12		130	210	20	160
				30	60	0	0	0	0	10	60	0	0	0	0	10	0	
8437996	GABBRO	101.110	31.510	48.99	0.71	16.54	7.33	0.12	7.94	13.82	2.67	0.11	0.04					98.52
				95	67	89	39	26		0.01	730	60	11		90	210	20	160
				30	40	0	0	0	0	0	0	0	0	0	0	10	0	
8437997	GABBRO	101.200	31.530	44.89	1.47	11.15	14.04	0.19	11.23	9.73	1.52	0.10	0.10					94.67
				55	109	138	66	24		0.05	380	10	12		140	370	20	70
				40	70	0	0	10	10	10	40	0	0	0	0	0	0	
8437998	GABBRO	102.300	31.440	48.25	0.97	19.57	8.89	0.15	7.05	8.22	3.81	0.17	0.07					97.34
				64	86	110	42	27		0.00	340	20	17		10	230	20	140
				40	50	0	0	0	0	50	40	0	0	0	0	10	0	
8438000	GABBRO	100.680	31.050	48.63	0.85	15.33	8.32	0.14	8.52	13.01	2.36	0.20	0.06					97.61
				80	81	80	49	22		0.00	210	40	13		70	240	20	150
				30	50	0	0	0	0	10	10	0	10	10	0	0	0	
8438001	GABBRO	100.890	30.990	47.59	0.57	15.74	8.96	0.12	8.81	12.58	2.14	0.21	0.04					96.95
				29	75	110	47	24		0.02	120	30	14		420	210	20	120
				30	30	0	0	0	0	20	40	0	10	10	0	0	0	
8438002	GABBRO	101.080	31.020	48.09	0.55	14.20	7.05	0.13	9.40	16.22	1.89	0.06	0.04					97.92
				150	62	128	41	30		0.06	620	70	15		90	200	20	120
				30	30	0	0	0	10	20	30	0	10	10	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8438003	GABBRO	101.570	30.890	43.46	2.59	14.52	16.13	0.21	6.31	11.87	2.20	0.12	0.05						97.96
				50	123	63	63	29		0.36	140	40	13		420	780	20	160	
				30	30	0	0	10	10	10	40	0	10	0	0	0	0		
8438766	GABBRO	99.150	32.960	47.55	0.98	17.25	9.55	0.10	8.00	10.10	2.91	1.04	0.08						97.74
				8	30	96	64	25	1.0	0.11	320	10			140	220	30	130	
				40	70	0	0	0	10	10	90	0	0	10	0	0	0		
8438767	GABBRO	99.250	32.990	49.29	0.68	16.51	8.96	0.15	8.92	9.82	3.32	0.46	0.06						98.33
				9	51	125	65	26	1.2	0.02	340	0			20	200	20	110	
				30	60	0	0	0	0	20	70	0	0	0	0	0	0		
8438768	GABBRO	99.290	33.010	49.70	0.97	15.63	9.94	0.15	8.83	8.05	3.79	0.21	0.10						97.55
				8	44	87	47	17	0.9	0.03	280	0			150	240	20	70	
				30	70	10	0	0	10	20	40	0	0	0	10	0	0		
8438769	GABBRO	99.330	33.050	50.29	0.98	15.17	10.49	0.11	7.81	9.70	4.05	0.09	0.09						99.01
				8	32	65	68	24	1.1	0.01	130	0			60	280	20	160	
				30	60	0	0	0	10	20	20	0	10	10	0	10	0		
8438771	GABBRO	99.430	33.030	46.72	0.50	18.79	7.59	0.12	8.81	12.53	1.98	0.73	0.05						97.99
				7	39	153	63	26	1.5	0.02	400	10			20	170	20	210	
				30	30	0	0	0	0	10	80	0	0	0	0	0	0		
8438772	GABBRO	99.490	33.000	50.35	0.92	14.83	10.57	0.18	7.34	9.22	3.77	0.60	0.08						98.05
				28	67	83	63	25	0.8	0.02	210	10			40	270	30	160	
				40	70	0	0	10	0	30	60	0	10	10	0	10	0		
8438773	GABBRO	99.530	33.000	49.93	0.85	17.07	9.15	0.13	9.52	6.43	4.26	0.53	0.07						98.11
				7	72	131	71	25	1.4	0.00	310	0			70	200	20	100	
				40	50	0	0	0	0	0	90	0	0	0	0	10	0		
8438774	GABBRO	99.580	33.000	47.86	0.86	17.69	8.64	0.17	8.19	10.13	3.17	0.80	0.07						97.73
				8	54	112	65	24	1.4	0.02	300	20			50	200	30	60	
				40	50	0	0	10	0	20	80	0	0	10	0	0	0		
8438775	GABBRO	99.650	32.950	48.32	1.01	17.54	8.84	0.11	7.83	10.77	3.07	0.90	0.08						98.62
				6	41	90	62	25	1.2	0.00	300	0			10	220	30	110	
				40	30	0	0	0	0	10	90	0	0	0	0	0	0		

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8438777	GABBRO	99.750	32.990	50.80	1.36	15.68	16.04	0.11	4.95	4.13	6.26	0.21	0.10						99.82
				15	50	7	54	22	1.3	0.00	0	0			20	490	20	180	
				40	70	0	0	0	0	10	50	0	0	10	0	0	0		
8438778	GABBRO	99.790	33.030	47.97	1.14	15.05	12.51	0.19	7.81	8.75	3.48	0.05	0.10						97.29
				47	102	99	69	31	1.3	0.08	230	10			0	340	20	150	
				40	70	0	0	0	0	10	30	0	10	0	0	0	0		
8438779	GABBRO	99.840	33.050	46.45	0.40	15.36	9.29	0.13	12.83	8.86	2.47	0.49	0.05						96.55
				17	78	226	92	24	1.5	0.00	630	40			130	120	20	80	
				30	40	0	0	0	0	10	100	0	0	0	0	0	0		
8438780	GABBRO	99.890	32.980	48.03	0.64	17.36	10.67	0.18	9.26	5.57	4.20	0.73	0.06						96.82
				10	68	113	80	25	1.7	0.00	140	60			0	160	30	70	
				30	50	0	0	0	0	20	100	0	0	10	0	0	0		
8438781	GABBRO	100.060	33.030	50.26	1.36	16.69	9.32	0.16	5.60	11.02	4.68	0.37	0.16						99.78
				28	56	28	67	27	1.4	0.02	60	0			110	270	20	200	
				40	100	0	0	0	0	10	40	0	0	0	0	0	0		
8438782	GABBRO	100.130	33.070	51.06	0.73	15.28	7.32	0.17	8.81	10.58	3.73	0.23	0.05						98.15
				9	59	75	62	27	1.3	0.00	450	10			110	190	20	130	
				30	40	0	0	0	10	10	40	0	0	0	0	0	0		
8438783	GABBRO	100.180	33.010	48.80	0.68	14.37	8.45	0.15	8.94	13.55	2.59	0.08	0.04						97.81
				33	50	74	66	28	0.8	0.01	280	0			160	240	20	110	
				30	40	0	0	0	0	0	30	0	0	10	0	10	0		
8438784	GABBRO	100.370	33.000	48.04	0.52	16.19	6.88	0.11	8.53	12.13	0.00	0.32	0.02						92.94
				23	42	54	71	26	1.3	0.01	560	20			160	170	20	140	
				30	30	0	0	0	10	10	50	0	0	10	0	0	0		
8438785	GABBRO	100.440	32.980	48.85	0.59	15.45	7.56	0.13	9.39	12.78	1.93	0.60	0.03						97.48
				25	60	91	51	28	1.3	0.01	300	10			50	190	30	120	
				30	40	0	0	0	0	0	100	0	0	0	0	10	0		
8438839	GABBRO	99.540	33.520	47.59	0.52	14.28	10.35	0.19	11.61	8.84	2.52	0.80	0.04						96.94
				24	89	142	82	29	1.2	0.01	230	0			360	170	30	90	
				30	40	0	0	10	0	10	120	0	0	0	0	0	0		

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8438840	GABBRO	99.590	33.470	49.86	0.63	14.76	7.45	0.15	10.74	11.23	2.63	0.79	0.05						98.47
				8	149	106	61	26	1.1	0.00	390	0			200	210	30	130	
				30	40	0	0	0	10	0	100	0	0	0	0	10	0		
8438841	GABBRO	99.630	33.480	50.15	0.38	15.49	6.58	0.16	8.50	14.06	2.99	0.18	0.05						98.96
				16	64	118	55	34	1.4	0.02	600	0			160	200	20	110	
				30	40	0	0	0	0	0	50	0	0	0	0	10	0		
8438842	GABBRO	99.680	33.460	45.17	0.58	15.17	12.05	0.15	12.02	6.59	3.47	0.26	0.03						95.67
				44	70	282	97	28	1.3	0.01	90	20			330	160	20	110	
				20	30	0	0	0	0	10	30	0	0	0	0	0	0		
8438844	GABBRO	99.800	33.500	44.44	2.67	12.82	17.53	0.25	5.70	9.13	1.09	0.21	0.09						94.26
				74	95	24	77	31	1.0	0.14	10	30			270	650	20	120	
				40	60	10	0	10	0	20	40	0	0	10	0	0	0		
8438845	GABBRO	99.880	33.520	48.96	0.87	13.58	12.37	0.20	9.68	9.96	3.30	0.12	0.04						99.32
				51	92	78	72	34	0.6	0.08	150	10			360	350	20	90	
				30	30	0	0	0	0	30	40	0	0	0	0	10	0		
8438846	GABBRO	99.920	33.510	43.82	2.72	12.53	16.84	0.27	6.78	11.33	2.14	0.06	0.08						96.89
				57	97	49	76	35	1.1	0.15	40	30			200	790	20	200	
				40	70	10	0	10	10	10	20	0	10	10	0	0	0		
8438847	GABBRO	99.980	33.500	43.33	3.64	12.62	21.49	0.33	7.33	6.50	4.08	0.17	0.05						99.88
				84	148	37	105	36	0.9	0.14	10	0			560	780	20	90	
				30	50	0	0	0	0	20	10	0	0	10	0	10	0		
8438848	GABBRO	100.200	33.530	45.82	1.90	13.49	13.73	0.21	7.42	11.42	2.41	0.09	0.09						96.91
				64	97	65	81	35	0.7	0.25	120	30			310	530	20	210	
				40	60	10	0	10	0	20	20	0	0	10	0	0	0		
8438849	GABBRO	100.260	33.490	50.52	0.60	14.02	8.62	0.15	10.44	11.53	3.56	0.15	0.03						99.78
				45	73	94	67	35	0.7	0.00	210	0			270	210	20	130	
				30	40	0	10	0	10	0	20	0	10	10	0	0	0		
8438850	GABBRO	100.300	33.540	47.30	0.76	13.67	8.86	0.16	9.86	15.65	1.60	0.02	0.05						98.11
				31	73	73	69	35	0.9	0.01	180	20			180	260	20	70	
				30	50	0	0	0	10	10	20	0	0	20	0	0	0		

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8438851	GABBRO	100.420	33.430	41.48	1.03	14.10	10.67	0.17	6.66	14.79	3.19	0.32	0.11						92.64
				30	90	156	68	38	1.6	0.00	330	0			0	290	20	230	
				40	60	0	0	10	0	20	60	0	0	10	0	10	0		
8438965	GABBRO	100.850	34.470	56.49	1.27	16.66	11.28	0.07	3.27	2.44	6.78	0.04	0.47						99.40
				148	39	8	47	23	0.9	1.01	20	10			0	60	30	90	
				90	310	10	0	0	0	10	30	0	30	10	0	0	0		
8438966	GABBRO	100.890	34.500	49.58	0.52	13.87	7.93	0.14	10.74	9.51	2.94	0.33	0.04						95.89
				7	43	155	57	37	0.6	0.00	1190	0			0	220	20	140	
				20	40	0	0	10	0	10	40	0	0	0	0	0	0		
8438967	GABBRO	100.950	34.490	49.32	0.76	19.44	7.05	0.11	6.59	8.89	3.59	1.49	0.07						97.47
				6	36	60	53	36	0.9	0.00	310	10			10	180	40	210	
				30	70	0	0	0	0	30	70	0	0	10	0	0	0		
8438968	GABBRO	101.020	34.430	58.06	1.29	15.24	10.28	0.11	3.13	4.71	6.04	0.42	0.25						99.66
				5	28	9	44	24	0.4	0.01	40	10			60	200	20	170	
				50	130	10	0	0	0	10	20	0	20	0	0	0	0		
8438970	GABBRO	101.150	34.520	49.89	1.68	14.61	16.83	0.13	5.12	5.90	5.04	0.32	0.09						99.78
				8	38	18	69	32	0.9	0.01	20	0			70	610	20	130	
				30	60	10	0	10	0	10	20	0	0	10	0	0	0		
8438971	GABBRO	101.210	34.540	64.89	0.98	15.36	4.43	0.05	1.58	3.74	7.95	0.08	0.40						99.56
				7	58	4	26	20	0.4	0.01	30	10			0	80	20	110	
				60	270	10	0	0	10	0	30	0	20	0	0	10	0		
8438972	GABBRO	101.270	34.520	73.74	0.28	13.13	2.49	0.02	0.31	3.23	5.89	0.03	0.04						99.34
				6	38	1	13	21	0.2	0.01	80	20			0	0	10	160	
				130	670	20	0	0	0	10	10	0	60	20	0	10	0		
8438973	GABBRO	101.350	34.510	66.48	0.77	14.77	4.00	0.05	1.44	5.35	6.17	0.03	0.26						99.49
				6	20	6	25	26	0.4	0.00	60	10			0	20	10	200	
				100	680	10	0	0	0	20	20	0	40	10	0	0	0		
8438974	GABBRO	101.430	34.510	56.21	1.51	14.39	10.47	0.12	3.84	5.43	4.42	0.04	0.62						97.48
				31	36	11	40	29	1.3	0.64	30	10			0	80	20	160	
				80	340	10	0	0	0	10	40	0	20	0	0	0	0		

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439036	GABBRO	100.320	35.000	59.91	1.23	14.33	10.11	0.13	3.19	3.85	6.26	0.41	0.29					99.82
				7	51	15	21	13		0.01	20	0			40	170	20	130
				60	120	0	0	0	0	20	30	0	10	0	10	10	0	
8439037	GABBRO	100.390	35.000	54.62	1.36	15.05	12.01	0.16	4.45	5.41	5.83	0.49	0.17					99.72
				7	55	29	31	10		0.00	10	0			50	390	20	150
				50	90	10	0	0	10	30	30	0	0	0	0	10	0	
8439038	GABBRO	100.490	35.000	54.01	1.37	15.45	12.68	0.14	4.22	5.36	6.01	0.32	0.18					99.88
				10	57	37	35	11		0.04	20	0			50	360	30	130
				50	100	0	0	10	10	20	40	0	10	0	10	10	0	
8439039	GABBRO	100.570	35.000	48.67	0.88	13.25	12.22	0.20	8.81	10.18	2.40	1.29	0.25					98.42
				69	114	91	49	24		0.02	360	10			20	340	40	330
				40	60	10	0	0	10	30	200	0	0	10	0	10	0	
8439040	GABBRO	100.660	34.910	49.74	1.14	15.48	12.58	0.17	6.85	8.70	4.07	0.28	0.14					99.26
				7	68	47	51	10		0.01	10	0			60	310	20	120
				40	80	10	0	0	0	10	40	0	10	0	10	0	0	
8439041	GABBRO	100.710	34.940	48.62	0.64	15.93	10.04	0.15	8.25	11.11	2.50	0.66	0.05					98.09
				6	53	83	41	14		0.00	50	0			70	250	30	140
				30	40	0	0	0	10	0	50	0	0	0	10	10	0	
8439071	GABBRO	100.690	34.550	74.97	0.40	11.90	2.66	0.04	2.12	1.07	5.65	0.03	0.08					99.04
				5	38	20	6	9		0.00	50	50			0	20	10	40
				80	250	10	0	0	10	0	20	0	10	20	0	10	0	
8439072	GABBRO	100.750	34.550	53.69	1.77	15.78	12.20	0.15	4.94	4.55	6.17	0.22	0.16					99.80
				8	96	31	28	12		0.01	20	0			130	330	20	160
				60	130	10	0	0	0	10	20	0	20	0	0	10	0	
8439073	GABBRO	100.830	34.540	47.56	0.40	17.56	8.81	0.11	10.36	8.91	2.05	1.21	0.03					97.31
				7	52	288	36	11		0.00	1330	0			90	150	30	140
				30	20	0	0	0	0	20	70	0	0	10	0	10	0	
8439089	GABBRO	99.380	32.510	58.00	1.24	15.61	9.65	0.12	3.18	3.98	7.31	0.09	0.31					99.61
				13	49	37	28	16		0.01	20	30			140	200	20	100
				60	120	0	0	0	0	20	30	0	0	0	10	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8439104	GABBRO	100.360	32.460	49.80	0.55	23.67	4.16	0.08	2.71	13.20	4.05	0.41	0.05						98.79
				16	33	67	15	12		0.01	90	20			0	120	20	190	
				30	30	0	0	0	0	0	30	0	0	0	0	10	0		
8439105	GABBRO	100.420	32.470	40.21	3.30	13.75	14.85	0.20	5.26	17.99	0.49	0.02	0.06						96.48
				148	100	83	51	23		0.06	20	40			160	800	20	460	
				40	50	10	0	10	10	20	0	0	0	10	0	0	0		
8439106	GABBRO	100.490	32.470	49.84	0.69	15.00	7.09	0.14	7.75	14.70	2.67	0.20	0.04						98.23
				46	50	79	35	21		0.01	240	10			160	260	20	100	
				30	30	0	0	0	10	20	40	0	0	0	0	0	0		
8439107	GABBRO	100.540	32.500	50.73	0.92	13.88	8.04	0.34	7.59	13.18	2.76	0.08	0.05						97.76
				82	94	177	49	22		0.01	230	10			100	230	20	110	
				40	40	0	0	0	0	20	40	0	0	10	0	0	0		
8439137	GABBRO	100.010	31.980	47.49	0.59	17.06	9.34	0.18	9.40	11.09	2.49	1.13	0.04						99.00
				27	63	181	40	11		0.00	340	0			120	220	30	70	
				30	40	0	0	0	0	0	110	0	0	0	10	0	0		
8439138	GABBRO	100.060	31.990	49.25	0.91	14.82	9.99	0.17	7.57	11.93	2.44	0.44	0.09						97.83
				44	74	114	33	10		0.00	250	20			200	320	20	120	
				40	50	0	0	0	10	10	30	0	0	10	0	10	0		
8439139	GABBRO	100.090	32.000	49.85	1.51	15.43	12.24	0.20	5.84	9.72	3.82	0.91	0.16						99.89
				18	70	74	32	11		0.02	150	10			310	370	30	130	
				60	110	0	0	0	0	10	90	0	20	0	10	10	0		
8439140	GABBRO	100.150	32.060	48.63	0.84	20.11	7.62	0.13	6.91	9.44	3.88	0.31	0.08						98.10
				59	67	98	40	8		0.05	90	20			10	180	20	120	
				30	60	10	0	0	0	10	50	0	0	0	10	10	0		
8439141	GABBRO	100.310	32.040	48.96	0.69	16.00	9.78	0.19	7.98	10.46	3.19	0.38	0.07						97.83
				46	82	90	43	15		0.00	140	0	10		90	190	20	120	
				40	60	0	0	0	0	20	50	0	0	0	10	0	0		
8439142	GABBRO	100.390	31.980	49.93	1.73	13.86	12.17	0.24	6.58	10.07	3.85	0.17	0.14						98.96
				63	87	71	42	13		0.00	70	0	7		210	420	20	140	
				40	100	10	0	0	0	30	40	0	0	10	10	10	0		

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8439090	GABBRO	99.430	32.490	49.79	0.54	16.57	8.84	0.14	8.57	9.96	3.26	0.76	0.06						98.65
				22	66	137	43	13		0.01	370	0			50	190	30	80	
				30	40	0	0	0	0	0	90	0	0	0	0	10	0		
8439091	GABBRO	99.470	32.520	52.88	1.59	15.75	12.92	0.14	3.95	5.42	6.47	0.11	0.18						99.58
				10	53	44	36	12		0.01	10	10			160	420	20	80	
				50	100	0	0	0	10	20	10	0	0	10	10	10	0		
8439092	GABBRO	99.520	32.520	51.42	0.79	15.97	9.41	0.12	6.81	9.63	3.95	0.10	0.08						98.44
				9	68	113	38	15		0.00	250	0			170	290	20	80	
				40	50	0	0	0	0	10	40	0	0	0	10	10	0		
8439093	GABBRO	99.590	32.560	47.58	0.69	15.24	11.02	0.18	8.94	9.57	2.45	0.76	0.05						96.65
				35	100	132	47	15		0.00	310	0			70	290	30	80	
				30	40	0	0	0	10	20	100	0	0	0	0	10	0		
8439094	GABBRO	99.680	32.650	48.57	0.94	17.97	8.45	0.14	6.89	9.52	3.30	0.67	0.08						96.70
				10	46	128	40	21		0.00	220	0			20	260	30	90	
				30	60	0	0	0	10	10	90	0	0	10	10	10	0		
8439099	GABBRO	100.060	32.500	49.20	0.65	17.39	7.86	0.14	6.94	12.55	2.97	0.47	0.08						98.42
				44	66	80	40	16		0.00	310	10			80	190	20	140	
				30	50	0	0	0	0	20	60	0	0	10	0	10	0		
8439100	GABBRO	100.120	32.510	48.87	0.67	17.35	7.48	0.14	6.71	12.24	3.13	0.49	0.08						97.29
				46	67	76	39	20		0.01	280	0			60	180	20	130	
				30	50	0	0	0	0	20	40	0	0	0	10	10	0		
8439101	GABBRO	100.170	32.510	47.24	0.76	14.67	8.38	0.16	9.52	12.60	2.04	0.27	0.06						95.90
				107	76	121	54	23		0.00	270	0			30	230	20	170	
				30	50	0	10	0	10	20	40	0	0	0	10	0	0		
8439102	GABBRO	100.240	32.500	50.69	0.55	15.10	6.62	0.14	8.64	12.27	2.71	0.06	0.04						97.06
				26	60	232	38	20		0.00	900	10			90	180	20	100	
				30	40	0	0	0	10	20	20	0	0	0	0	10	0		
8439103	GABBRO	100.300	32.480	48.22	1.02	15.24	8.49	0.15	8.43	13.42	2.63	0.15	0.06						98.03
				35	55	109	46	21		0.00	390	20			200	270	20	140	
				30	50	0	0	0	0	20	30	0	0	10	0	10	0		

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SP PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439143	GABBRO	100.450	32.000	49.62	0.30	16.84	6.75	0.11	6.30	14.12	3.80	0.10	0.06					98.66
				36	44	110	27	15		0.02	400	0	8		20	220	20	150
				30	50	0	0	0	10	0	10	0	0	0	10	10	0	
8439144	GABBRO	100.510	32.010	46.19	0.65	17.37	9.95	0.13	9.09	11.55	2.44	0.12	0.06					97.70
				17	92	163	30	13		0.00	180	10	12		140	170	20	160
				30	30	0	0	0	0	20	30	0	0	0	0	10	0	
8439309	GABBRO	100.170	37.020	47.67	0.43	16.03	8.48	0.13	9.15	12.04	1.63	1.32	0.03					97.08
				15	35	129	35	14		0.00	300	40	8		240	170	30	100
				30	20	0	10	0	10	10	80	0	0	10	0	10	0	
8439310	GABBRO	100.230	37.010	47.06	0.60	19.66	6.99	0.11	6.38	13.96	1.92	0.96	0.05					97.89
				50	44	72	25	22		0.00	320	30	6		200	180	20	200
				30	30	0	0	0	0	0	70	0	0	0	0	0	0	
8439311	GABBRO	100.330	36.970	47.40	0.53	20.22	6.52	0.08	6.44	12.24	1.57	2.06	0.04					97.26
				13	26	73	22	21		0.01	300	40	8		120	180	40	130
				30	30	0	0	0	0	0	130	0	0	10	0	10	0	
8439312	GABBRO	100.420	37.010	48.83	1.51	14.25	11.48	0.17	7.04	10.51	3.50	0.18	0.16					97.82
				19	50	60	38	16		0.00	220	20	5		240	330	20	190
				40	110	0	0	10	0	0	10	0	10	0	0	10	0	
8439313	GABBRO	100.540	37.060	46.68	0.76	16.81	9.36	0.15	8.73	11.86	2.23	0.13	0.06					96.97
				72	67	143	42	13		0.02	400	30	9		40	170	10	140
				30	40	0	0	0	10	20	20	0	0	0	0	10	0	
8439314	GABBRO	100.630	37.010	51.47	0.73	17.19	6.18	0.09	6.67	11.52	3.83	0.51	0.09					98.43
				13	35	71	27	14		0.01	140	40	8		60	190	20	130
				30	70	0	0	10	0	10	20	0	10	0	0	0	0	
8439315	GABBRO	100.690	36.990	46.81	0.55	16.48	7.81	0.12	8.76	11.79	2.59	0.98	0.03					95.83
				44	45	131	38	14		0.00	600	30	13		0	200	30	130
				30	30	0	0	0	0	20	60	0	0	0	0	10	0	
8439316	GABBRO	100.750	37.040	48.94	0.56	14.23	7.05	0.13	8.48	13.12	2.84	0.50	0.03					96.07
				74	44	103	37	13		0.01	320	50	7		190	230	20	140
				30	30	0	0	0	0	0	60	0	0	0	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8439317	GABBRO	100.790	37.060	55.05	0.47	16.75	4.56	0.08	4.88	8.98	6.07	0.42	0.08						97.48
				16	32	73	22	17		0.00	190	20	7		0	120	20	190	
				40	140	0	0	0	0	10	30	0	0	0	0	10	0		
8439366	GABBRO	99.710	37.500	51.97	0.98	16.26	11.09	0.18	5.86	7.04	4.89	0.34	0.10						98.87
				10	43	82	37	9		0.01	100	10	5		90	310	20	140	
				30	60	0	0	0	0	10	50	0	0	0	0	10	0		
8439367	GABBRO	99.750	37.500	47.79	1.01	16.01	10.58	0.12	5.06	13.57	2.64	0.03	0.11						97.08
				12	27	78	28	9		0.00	80	30	4		0	370	20	260	
				40	50	0	0	10	10	20	40	0	0	0	0	0	0		
8439368	GABBRO	99.790	37.500	49.62	1.01	15.66	11.39	0.15	6.50	10.92	3.92	0.06	0.10						99.54
				16	52	120	43	13		0.01	310	50	5		80	310	20	290	
				40	50	0	0	10	0	10	40	0	0	0	0	10	0		
8439369	GABBRO	99.820	37.500	52.14	1.49	14.96	13.71	0.13	4.71	7.25	4.79	0.24	0.14						99.73
				11	38	51	35	7		0.00	30	40	3		60	470	20	140	
				40	110	0	0	0	10	30	30	0	10	0	0	10	0		
8439372	GABBRO	99.960	37.490	60.60	1.18	14.89	9.74	0.10	2.04	3.93	6.48	0.17	0.47						99.72
				7	27	16	14	9		0.03	30	20	2		150	80	20	120	
				70	270	10	0	0	0	10	60	0	10	0	0	10	0		
8439373	GABBRO	100.010	37.500	49.59	1.25	13.23	10.64	0.17	8.48	13.29	2.49	0.13	0.11						99.56
				77	63	87	43	15		0.02	110	10	5		200	360	20	130	
				40	90	0	0	0	0	0	20	0	0	0	0	10	0		
8439374	GABBRO	100.050	37.500	52.10	0.89	14.66	9.29	0.16	6.80	10.94	3.94	0.08	0.06						99.09
				29	49	74	35	9		0.02	70	50	5		280	270	20	160	
				30	50	0	0	0	0	0	10	0	10	0	0	10	0		
8439375	GABBRO	100.360	37.420	50.57	1.49	15.04	9.69	0.15	6.83	12.05	3.35	0.27	0.08						99.70
				13	54	68	33	14		0.02	40	20	5		60	430	20	120	
				30	50	0	10	10	10	10	30	0	0	0	0	0	0		
8439376	GABBRO	100.450	37.380	49.46	0.69	17.77	7.39	0.12	7.05	13.90	2.50	0.19	0.03						99.25
				12	33	101	31	14		0.00	260	30	6		90	210	20	180	
				30	30	0	0	10	0	0	20	0	0	0	0	10	0		

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439377	GABBRO	100.550	37.460	53.93	1.97	16.74	8.58	0.10	4.11	6.75	6.21	0.11	1.04					99.71
				9	39	31	24	9		0.03	10	20	6		100	190	20	180
				80	260	10	0	0	10	30	20	0	0	0	0	10	0	
8439378	GABBRO	100.620	37.490	45.26	2.79	14.43	17.60	0.19	5.43	10.62	2.85	0.24	0.07					99.74
				25	77	53	45	12		0.05	20	30	5		200	810	20	150
				40	60	0	0	0	20	30	10	0	0	0	0	10	0	
8439379	GABBRO	100.670	37.490	47.91	1.38	12.75	14.00	0.20	7.66	10.62	2.61	0.18	0.06					97.57
				38	66	77	47	15		0.03	90	30	4		250	500	20	110
				40	50	0	0	0	10	10	30	0	10	0	0	0	0	
8439764	GABBRO	100.690	34.770	48.83	1.13	14.66	11.15	0.17	6.64	10.48	3.39	0.41	0.14					97.12
				11	55	54	32	9		0.00	40	0	8		0	360	0	130
				10	80	0	0	10	0	10	20	0	10	0	0	0	0	
8439765	GABBRO	100.760	34.750	53.30	1.36	14.23	13.31	0.12	6.27	4.39	5.83	0.07	0.14					99.17
				8	53	39	32	8		0.01	20	20	9		20	400	0	70
				20	80	0	0	20	0	10	20	0	10	0	0	0	0	
8439766	GABBRO	100.810	34.740	47.38	0.54	18.69	6.55	0.10	7.49	13.37	2.41	0.40	0.04					97.17
				17	32	109	24	14		0.00	760	0	10		0	170	10	200
				0	40	0	0	0	0	0	50	0	0	0	0	0	0	
8439767	GABBRO	100.880	34.750	45.15	0.49	18.84	7.83	0.10	8.37	12.31	2.11	0.32	0.05					95.72
				11	36	149	33	3		0.00	200	20	11		10	130	10	200
				0	40	0	0	10	0	0	10	0	0	0	0	0	0	
8439768	GABBRO	100.920	34.760	49.97	1.12	14.53	11.55	0.12	5.93	8.72	4.27	0.09	0.12					96.56
				9	40	73	32	12		0.00	80	10	7		0	330	0	100
				20	80	0	0	10	0	0	20	0	0	0	0	0	0	
8439769	GABBRO	100.970	34.760	51.29	1.70	14.45	14.23	0.10	5.03	7.13	5.16	0.44	0.13					99.80
				14	30	24	26	22		0.00	10	0	7		0	460	10	140
				10	60	0	0	10	10	20	40	0	0	0	0	0	0	
8439770	GABBRO	101.040	34.760	50.81	1.29	14.33	10.21	0.12	5.15	9.47	4.67	0.26	0.26					96.75
				14	97	21	28	21		0.06	0	10	8		0	360	10	220
				20	70	0	0	10	0	10	30	0	20	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8439902	GABBRO	100.450	31.670	49.36	1.36	13.82	11.12	0.22	7.24	11.59	3.32	0.32	0.12						98.66
				51	35	80	41	12		0.01	100	0	7		230	330	0	0	140
				20	100	0	0	10	0	20	60	0	10	10	0	0	0		
8439904	GABBRO	100.500	31.520	47.94	1.24	14.05	10.07	0.18	7.98	11.72	2.92	0.26	0.09						96.67
				132	67	102	42	5		0.01	350	0	6		130	330	0	0	120
				10	70	0	0	20	0	30	40	0	0	0	0	0	0		
8439905	GABBRO	100.780	31.540	48.14	0.50	15.33	8.15	0.13	9.21	13.76	2.10	0.04	0.03						97.58
				34	47	104	35	15		0.06	410	0	7		30	190	0	0	200
				0	30	0	0	10	0	0	20	0	0	0	0	0	0		
8439906	GABBRO	100.870	31.490	47.75	0.58	17.15	7.92	0.14	7.55	12.18	2.68	0.26	0.04						96.40
				20	71	96	29	14		0.01	180	20	7		160	200	10	0	200
				0	40	0	0	10	0	30	40	0	10	0	0	0	0		
8439907	GABBRO	101.590	31.560	46.45	1.84	13.64	9.21	0.15	9.67	15.20	0.98	0.05	0.03						97.11
				12	60	152	35	4		0.01	370	10	5		20	400	0	0	100
				10	60	0	0	10	0	20	20	0	0	0	0	0	0		
8439932	GABBRO	99.680	42.990	49.14	0.90	13.11	8.79	0.15	10.09	11.92	2.92	0.22	0.08						97.56
				85	67	93	42	21		0.01	600	10	15		150	270	0	0	110
				10	60	0	0	10	0	30	50	0	0	0	0	0	0		
8439979	GABBRO	99.190	41.990	47.83	3.34	14.60	15.18	0.22	4.32	9.18	3.63	0.68	0.21						99.11
				14	76	56	39	42		0.04	10	10	4		200	560	10	0	190
				30	140	0	0	10	0	10	70	0	30	0	0	0	0		
8439981	GABBRO	99.350	41.990	48.88	0.61	15.60	8.39	0.12	6.86	12.01	3.19	0.35	0.05						96.21
				8	43	85	34	30		0.01	160	0	6		180	190	10	0	160
				10	40	0	0	10	0	20	60	0	10	0	0	0	0		

C. ANALYSERESULTATER (XRF + AAS)

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
DR-1	GRÖNST	101.360	27.850	43	98	72	43	0.19 0		0.00	237			0.000				25
DR-10	GRÖNST	100.360	27.990	63	87	53	38	0.17 32		0.00	251			0.000				25
DR-101	GRÖNST	101.370	28.790	38	66	64	30	0.16 0		0.00	179			0.005				20
DR-102	GRÖNST	101.300	28.740	47	98	57	28	0.15 0		0.00	208			0.005				25
DR-103	GRÖNST	101.240	28.750	40	77	52	31	0.13 0		0.00	157			0.000				25
DR-104	GRÖNST	101.270	28.710	39	73	66	27	0.13 0		0.00	200			0.005				30
DR-105	GRÖNST	101.230	28.710	72	78	32	32	0.16 0		0.00	129			0.000				30
DR-106	GRÖNST	101.150	28.650	48	90	64	33	0.16 0		0.00	194			0.005				30
DR-107	GRÖNST	101.130	28.660	24	83	84	38	0.16 0		0.00	211			0.000				20
DR-108	GRÖNST	101.110	28.570	39	92	80	32	0.16 0		0.00	193			0.000				30

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
DR-109	GRÖNST	101.050	28.560					0.13										
				58	71	52	31	0		0.11	148			0.000				25
DR-11	GRÖNST	100.210	28.010					0.17										
				82	88	56	40	14		0.06	212			0.000				25
DR-110	GRÖNST	100.940	28.580					0.14										
				46	80	71	26	0		0.00	175			0.000				40
DR-111	GRÖNST	100.830	28.450					0.18										
				16	62	78	38	0		0.00	423			0.000				30
DR-112	GRÖNST	100.870	28.380	38.80	1.00	13.10	13.70	0.16	6.96	14.10	2.05	0.23	0.20					
				53	68	96	23	4		0.07	349			0.020		215	0	161
				30	51						94							30
DR-113	GRÖNST	100.750	28.340					0.20										
				43	87	40	42	0		0.04	309			0.005				15
DR-114	GRÖNST	100.700	28.300					0.21										
				67	105	37	47	0		0.00	64			0.005				30
DR-115	GRÖNST	100.650	28.320					0.18										
				8	89	48	40	0		0.00	316			0.000				25
DR-116	GRÖNST	100.620	28.270					0.18										
				16	95	46	41	0		0.00	290			0.010				65
DR-117	GRÖNST	100.520	28.300					0.19										
				80	86	76	46	0		0.00	318			0.010				25

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
DR-118	GRÖNST	100.430	28.170					0.15											
				92	78	48	39	0		0.00	296			0.000					30
DR-119	GRÖNST	100.520	28.100	48.90	1.39	11.70	10.20	0.20	8.64	7.43	3.83	0.03	0.14						
				28	80	46	31	5		0.13	209			0.015		228	0	60	
				29	75						70							0	
DR-12	GRÖNST	101.290	27.860					0.19											
				25	98	108	34	0		0.14	156			0.000					30
DR-120	GRÖNST	100.430	28.090	43.50	1.97	12.30	15.70	0.18	7.19	11.30	1.93	0.00	0.25						
				37	88	32	30	6		0.16	65			0.015		335	0	336	
				40	83						90							15	
DR-121	GRÖNST	100.360	28.080					0.18											
				38	92	75	47	0		0.00	182			0.010					20
DR-122	GRÖNST	100.310	28.060					0.15											
				48	71	72	41	0		0.00	219			0.010					20
DR-123	GRÖNST	100.300	28.020					0.17											
				40	89	51	38	0		0.00	285			0.000					25
DR-124	GRÖNST	100.230	28.040					0.17											
				64	85	55	36	0		0.00	244			0.010					30
DR-125	GRÖNST	100.140	28.030	44.10	2.20	14.70	13.10	0.18	7.16	7.69	3.76	0.00	0.20						
				72	100	35	36	5		0.53	79			0.005		321	0	137	
				47	99						121							15	
DR-126	GRÖNST	100.110	28.020					0.17											
				42	92	20	33	8		1.16	0			0.010					30

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
DR-127	GRÖNST	100.080	28.030	47.40	1.88	13.40	12.50	0.18	6.58	8.45	4.12	0.03	0.20					
				105	95	28	39	14		1.37	13			0.010		299	0	231
				36	76						111							15
DR-128	GRÖNST	100.040	28.040					0.18										
				37	101	19	33	0		0.13	0			0.005				40
DR-129	GRÖNST	100.010	28.030					0.19										
				48	77	18	38	0		0.53	0			0.005				30
DR-13	GRÖNST	101.080	27.910					0.18										
				46	86	58	41	0		0.00	369			0.000				25
DR-130	GRÖNST	99.940	28.040					0.18										
				67	76	36	39	0		0.00	144			0.005				30
DR-131	GRÖNST	99.850	28.000					0.21										
				15	129	24	41	0		0.11	20			0.000				30
DR-132	GRÖNST	99.700	28.070					0.17										
				46	86	51	40	0		0.00	295			0.000				25
DR-14	GRÖNST	100.970	27.910					0.16										
				27	60	10	27	8		1.39	0			0.000				35
DR-15	GRÖNST	100.720	27.950					0.22										
				38	135	50	39	0		0.00	350			0.000				35
DR-16	GRÖNST	100.950	27.920	49.00	1.72	12.70	11.60	0.21	9.67	6.33	3.84	0.01	0.19					
				350	136	42	33	8		1.64	132			0.015	0	295	0	70
				38	111						70							30

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
DR-2	GRÖNST	101.230	27.870					0.18										
				16	70	53	44	0		0.77	305			0.000				20
DR-201	GRÖNST	101.260	29.230					0.17										
				42	89	88	31	0		0.00	259			0.000				20
DR-202	GRÖNST	101.200	29.140	43.90	1.07	12.80	12.40	0.14	9.37	10.30	1.55	0.64	0.13					
				54	80	156	34	5		0.05	418			0.015		275	0	156
				24	45						138							10
DR-203	GRÖNST	101.050	29.170					0.17										
				44	109	112	49	0		0.00	296			0.000				35
DR-204	GRÖNST	101.030	29.100					0.14										
				43	82	73	30	0		0.00	234			0.005				25
DR-205	GRÖNST	100.990	29.040	47.30	1.30	14.00	10.50	0.22	8.92	6.80	2.94	0.36	0.13					
				64	112	136	38	8		0.14	332			0.010		276	0	108
				29	68						93							10
DR-206	GRÖNST	100.950	29.120					0.15										
				48	79	137	26	0		0.00	295			0.010				50
DR-207	GRÖNST	100.920	29.010					0.12										
				51	78	114	33	68		0.00	173			0.005				30
DR-208	GRÖNST	100.870	28.950					0.17										
				47	184	49	30	0		0.73	123			0.005				30
DR-209	GRÖNST	100.790	28.990					0.14										
				48	80	80	31	0		0.24	193			0.010				30

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
DR-210	GRÖNST	100.760	28.920					0.16											
				58	76	71	31	5		0.00	163			0.010					30
DR-211	GRÖNST	100.720	28.940	47.40	1.17	14.40	9.35	0.14	6.43	9.01	4.11	0.06	0.14						
				57	72	110	32	28		0.28	242			0.015		227	0	99	
				29	60						65							20	
DR-212	GRÖNST	100.710	28.840					0.13											
				6	57	66	27	0		0.00	201			0.000					25
DR-213	GRÖNST	100.630	28.890					0.17											
				16	45	41	32	0		0.00	44			0.005					25
DR-214	GRÖNST	100.560	28.930	48.20	1.91	12.60	12.00	0.21	7.86	7.01	2.95	0.00	0.21						
				50	72	25	30	13		0.14	33			0.010		323	0	85	
				40	110						75							10	
DR-215	GRÖNST	100.500	28.850					0.17											
				21	93	440	33	0		0.00	329			0.010					40
DR-216	GRÖNST	100.470	28.710					0.19											
				27	67	46	25	0		0.00	149			0.000					30
DR-217	GRÖNST	100.410	28.750					0.18											
				55	105	145	36	0		0.00	370			0.010					25
DR-218	GRÖNST	100.380	28.750					0.18											
				28	88	66	24	0		0.00	255			0.010					30
DR-219	GRÖNST	100.330	28.740					0.21											
				44	84	40	31	0		0.40	25			0.005					30

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
DR-220	GRÖNST	100.270	28.760	48.60	1.79	13.30	12.00	0.19	7.34	8.06	3.59	0.03	0.16						
				64	120	40	38	10		1.52	71			0.010		319	0	139	
				41	86						92							15	
DR-221	GRÖNST	100.240	28.700					0.22											
				56	98	48	39	0		0.46	41			0.005				35	
DR-222	GRÖNST	100.180	28.640					0.20											
				65	101	95	39	0		0.00	268			0.010				30	
DR-223	GRÖNST	100.110	28.600	46.80	1.87	13.70	10.50	0.24	7.90	6.90	4.17	0.00	0.18						
				96	174	44	38	42		1.89	77			0.010		336	0	45	
				39	91						117							15	
DR-224	GRÖNST	100.090	28.550					0.19											
				63	91	46	32	0		0.00	49			0.005				35	
DR-225	GRÖNST	100.010	28.580	46.30	1.46	14.00	11.30	0.19	8.95	8.77	3.67	0.00	0.15						
				98	128	58	42	18		0.75	215			0.010		242	0	49	
				30	73						118							0	
DR-226	GRÖNST	99.970	28.640					0.17											
				51	84	52	40	0		0.00	257			0.010				30	
DR-227	GRÖNST	99.900	28.590					0.19											
				48	99	48	40	0		0.06	120			0.030				25	
DR-228	GRÖNST	99.850	28.640	48.30	1.67	14.10	9.14	0.22	9.08	6.05	4.44	0.00	0.15						
				64	94	54	37	10		0.46	333			0.010		275	1	50	
				35	97						92							0	
DR-229	GRÖNST	99.800	28.600					0.19											
				49	88	104	55	0		0.01	169			0.010				25	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
DR-230	GRÖNST	99.780	28.570					0.17										
				70	69	57	34	0		0.00	208			0.010				20
DR-231	GRÖNST	99.760	28.450					0.18										
				61	84	53	34	0		0.00	202			0.000				30
DR-232	GRÖNST	99.750	28.380					0.17										
				52	71	87	25	0		0.00	245			0.005				25
DR-233	GRÖNST	99.720	28.350					0.19										
				248	78	42	37	0		0.31	190			0.005				25
DR-234	GRÖNST	99.650	28.360					0.20										
				46	113	47	40	0		0.22	146			0.010				25
DR-235	GRÖNST	99.610	28.340					0.16										
				25	81	52	31	0		0.00	202			0.010				30
DR-236	GRÖNST	99.570	28.220					0.16										
				58	65	90	32	10		0.00	313			0.000				20
DR-237	GRÖNST	99.450	28.100	53.40	1.38	15.40	11.40	0.15	4.44	3.17	6.45	0.12	0.16					71
				35	80	12	24	5		0.23	0			0.005		374	0	
				43	81						65							10
DR-238	GRÖNST	99.100	28.100					0.18										
				64	88	42	33	0		0.00	65			0.010				30
DR-239	GRÖNST	99.050	28.070	47.80	1.27	12.50	9.58	0.20	7.34	7.50	5.68	0.02	0.14					44
				40	88	36	26	8		0.17	106			0.010		252	0	
				25	69						27							20

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
DR-240	GRÖNST	99.020	28.070					0.20										
				35	126	9	27	0		0.00	0			0.010				25
DR-241	GRÖNST	99.000	28.080					0.05										
				27	47	5	41	0		3.97	0			0.180				20
DR-242	GRÖNST	98.910	28.010	49.10	1.18	13.70	9.86	0.20	10.30	4.87	4.64	0.00	0.12					
				42	88	104	36	13		0.03	290			0.000		258	0	84
				26	59						56							15
DR-243	GRÖNST	98.790	28.030					0.19										
				58	88	74	26	0		0.00	210			0.015				25
DR-244	GRÖNST	98.700	28.070	50.30	1.44	13.50	9.73	0.18	8.88	6.71	4.34	0.12	0.16					
				21	92	62	33	12		0.03	207			0.000		325	0	170
				30	62						65							20
DR-245	GRÖNST	98.950	28.220					0.10										
				10	117	0	25	0		0.00	0			0.005				20
DR-3	GRÖNST	101.140	27.880					0.18										
				27	72	97	31	0		0.00	358			0.000				25
DR-301	GRÖNST	100.780	29.520					0.15										
				44	71	163	33	0		0.00	431			0.000				35
DR-302	GRÖNST	100.750	29.480					0.15										
				37	90	105	40	0		0.00	230			0.000				25
DR-303	GRÖNST	100.710	29.450					0.16										
				48	88	108	42	0		0.00	216			0.005				25

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
DR-304	GRÖNST	100.400	29.370		67	94	50	25	0.17 0		0.00	169			0.010				20
DR-305	GRÖNST	100.290	29.330		57	81	76	25	0.14 0		0.00	171			0.015				20
DR-306	GRÖNST	100.270	29.210	45.90 54 47	2.28 116 80	12.70 36	12.30 31	0.19 4	9.60	7.85 0.21	2.56 84 90	0.08	0.22	0.020		370	0	94 20	
DR-307	GRÖNST	100.200	29.130		56	85	55	31	0.15 0		0.00	158			0.005				20
DR-308	GRÖNST	100.170	29.030		56	95	45	26	0.15 0		0.00	161			0.010				20
DR-309	GRÖNST	100.120	29.060		55	95	56	32	0.16 0		0.00	211			0.010				30
DR-310	GRÖNST	100.080	29.080	48.80 22 36	1.34 76 49	13.10 46	13.00 29	0.16 5	8.19	9.46 0.04	3.54 118 74	0.00	0.17	0.010		361	4	258 15	
DR-311	GRÖNST	100.050	29.070		56	77	50	25	0.14 0		0.00	87			0.010				30
DR-312	GRÖNST	100.030	29.090		45	75	90	32	0.16 0		0.00	220			0.015				35
DR-313	GRÖNST	99.960	29.090		87	82	33	28	0.16 0		0.00	5			0.010				25

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
DR-314	GRÖNST	99.920	29.040	63	90	55	32	0.16 0		0.00	162			0.005					25
DR-315	GRÖNST	99.820	28.950	62	89	70	32	0.15 0		0.00	176			0.000					25
DR-316	GRÖNST	99.780	28.900	29	67	66	22	0.15 0		0.00	162			0.010					30
DR-317	GRÖNST	99.720	28.920	58	83	77	28	0.14 0		0.00	176			0.010					20
DR-318	GRÖNST	99.650	28.890	52	80	72	24	0.13 0		0.00	187			0.010					25
DR-319	GRÖNST	99.570	28.840	55	62	30	30	0.17 0		0.00	0			0.005					35
DR-320	GRÖNST	99.550	28.890	211	106	20	32	0.20 0		1.57	0			0.010					30
DR-321	GRÖNST	99.530	28.730	30	83	61	22	0.17 0		0.00	168			0.010					25
DR-322	GRÖNST	99.480	28.690	94	102	52	25	0.16 0		0.00	272			0.010					25
DR-323	GRÖNST	99.420	28.690	58	102	16	24	0.19 0		0.04	0			0.010					25

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM		SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM		B PPM
DR-324	GRÖNST	99.350	28.700					0.20											
				46	104	42	32	0		0.06	31			0.015					25
DR-325	GRÖNST	99.330	28.650					0.15											
				66	75	90	36	0		0.00	268			0.010					15
DR-326	GRÖNST	99.260	28.590	48.70	1.80	12.00	13.30	0.18	8.08	9.41	3.36	0.08	0.22						
				32	86	17	33	16		0.18	0			0.010		355	0		240
				38	88						94								20
DR-327	GRÖNST	99.160	28.630					0.16											
				48	96	12	28	0		0.00	0			0.010					25
DR-328	GRÖNST	99.100	28.620					0.16											
				85	73	54	38	0		0.00	262			0.015					25
DR-329	GRÖNST	99.040	28.560					0.16											
				55	95	20	23	0		0.00	0			0.015					20
DR-330	GRÖNST	99.030	28.500					0.15											
				74	66	38	25	0		0.00	112			0.015					35
DR-331	GRÖNST	99.020	28.450	52.00	1.84	14.00	12.50	0.27	4.99	4.98	5.27	0.15	0.17						
				36	148	12	28	6		1.02	3			0.025	0	479	0		109
				33	98						62								30
DR-332	GRÖNST	99.000	28.410					0.20											
				38	95	17	24	0		0.00	0			0.015					20
DR-333	GRÖNST	98.970	28.390					0.16											
				39	99	29	35	0		0.00	0			0.030					20

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
DR-334	GRÖNST	98.890	28.480					0.15										
				17	82	70	34	0		0.00	200			0.005				30
DR-335	GRÖNST	98.830	28.510					0.14										
				35	102	20	27	0		0.00	0			0.010				25
DR-336	GRÖNST	98.790	28.460	48.00	1.20	14.90	9.74	0.17	5.70	7.94	5.67	0.08	0.18					
				56	85	43	35	6		0.15	78			0.010		291	0	191
				28	76						43							20
DR-337	GRÖNST	98.800	28.270					0.14										
				22	90	9	26	0		0.00	0			0.000				30
DR-338	GRÖNST	98.590	28.300	49.50	1.42	13.20	9.44	0.18	8.18	6.30	3.75	0.12	0.22					
				58	80	45	30	7		0.14	139			0.020		280	0	64
				28	41						52							20
DR-339	GRÖNST	98.530	28.310					0.16										
				54	86	56	32	0		0.07	168			0.000				35
DR-340	GRÖNST	98.490	28.300	49.70	1.31	12.00	10.30	0.18	8.42	8.19	3.73	0.25	0.17					
				48	74	58	31	5		0.14	188			0.005		268	0	86
				31	52						81							30
DR-341	GRÖNST	99.340	28.990					0.15										
				48	86	61	33	0		0.00	175			0.010				30
DR-342	GRÖNST	99.180	28.950					0.22										
				213	214	69	45	0		0.00	359			0.015				15
DR-343	GRÖNST	99.390	29.300					0.20										
				30	91	8	24	0		0.00	0			0.010				25

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
DR-344	GRÖNST	99.300	28.900	48.10	1.77	13.90	11.90	0.18	7.95	6.11	3.98	0.09	0.17						
				80	100	63	38	7		0.64	208			0.010		318	0	86	
				37	104						69							20	
DR-345	GRÖNST	99.170	28.960					0.17											
				40	76	50	20	0		0.00	143			0.010				30	
DR-346	GRÖNST	99.110	28.950					0.14											
				38	83	65	27	0		0.00	374			0.000				25	
DR-347	GRÖNST	99.070	28.930	49.20	1.49	13.90	7.91	0.19	7.82	8.09	2.85	0.17	0.20						
				56	85	63	35	5		0.16	232			0.010		298	0	148	
				36	107						71							10	
DR-348	GRÖNST	99.020	28.910	48.00	2.05	13.30	10.60	0.20	9.06	7.01	2.78	0.00	0.16						
				29	103	50	34	3		0.05	251			0.010		306	0	167	
				46	102						68							15	
DR-349	GRÖNST	98.960	28.910					0.19											
				67	103	68	40	0		0.00	216			0.000				15	
DR-350	GRÖNST	98.890	28.900					0.15											
				22	69	40	20	0		0.00	123			0.000				25	
DR-351	GRÖNST	98.910	28.840	50.60	1.60	13.00	11.90	0.20	7.25	7.07	2.73	0.11	0.20						
				44	110	22	35	6		0.05	20			0.005		387	0	97	
				36	76						70							25	
DR-352	GRÖNST	98.770	28.760																
DR-353	GRÖNST	98.740	28.780	40.90	1.63	15.30	8.59	0.22	9.31	5.91	3.40	0.30	0.17						
				65	104	31	27	7		0.46	75			0.025		336	0	59	
				31	75						37							20	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
DR-354	GRÖNST	99.700	28.830					0.20										
				41	229	18	19	0		0.00	0			0.010				25
DR-4	GRÖNST	101.020	27.900					0.16										
				85	72	79	25	0		0.00	372			0.005				20
DR-401	GRÖNST	100.660	30.010					0.14										
				50	75	76	33	0		0.00	217			0.000				20
DR-402	GRÖNST	100.590	30.010					0.17										
				42	82	68	30	0		0.00	226			0.000				45
DR-403	GRÖNST	100.540	29.910					0.15										
				54	87	120	32	0		0.00	327			0.005				40
DR-404	GRÖNST	100.410	29.760					0.14										
				60	84	74	22	0		0.00	219			0.000				20
DR-405	GRÖNST	100.280	29.780					0.12										
				58	75	63	26	45		0.18	157			0.000				30
DR-406	GRÖNST	100.120	29.710					0.16										
				32	64	45	27	0		0.00	182			0.000				20
DR-407	GRÖNST	100.030	29.630	48.70	1.14	14.50	11.20	0.16	9.06	7.81	2.49	0.93	0.17					249
				69	72	58	32	4		0.05	202			0.010		297	1	
				28	56						155							20
DR-408	GRÖNST	99.980	29.540					0.11										
				50	77	54	25	0		0.01	165			0.000				35

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
DR-409	GRÖNST	99.900	29.600															
DR-410	GRÖNST	99.850	29.600					0.15										
				66	61	40	27	0		0.00	164			0.000				35
DR-411	GRÖNST	99.670	29.640	50.80	1.31	12.80	10.90	0.13	6.03	9.85	3.81	0.66	0.17					
				64	82	52	32	5		0.00	151			0.010		284	5	87
				33	62						60							25
DR-412	GRÖNST	99.650	29.570					0.20										
				53	79	35	25	0		0.00	85			0.015				25
DR-413	GRÖNST	99.670	29.440					0.14										
				50	107	80	40	0		0.00	207			0.015				20
DR-414	GRÖNST	99.560	29.490					0.15										
				44	74	42	24	0		0.00	109			0.010				40
DR-415	GRÖNST	99.540	29.410					0.13										
				62	62	50	25	0		0.00	146			0.015				25
DR-416	GRÖNST	99.400	29.420					0.11										
				49	69	105	24	0		0.00	342			0.010				25
DR-417	GRÖNST	99.220	29.400	46.80	0.56	13.80	6.78	0.40	8.12	8.96	1.80	1.72	0.15					
				22	72	148	38	7		0.00	705			0.010		284	18	109
				25	42						228							35
DR-418	GRÖNST	99.160	29.400					0.15										
				47	72	186	33	0		0.00	670			0.010				35

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
DR-419	GRÖNST	99.040	29.470					0.12										
				59	57	175	33	0		0.00	453			0.005				30
DR-420	GRÖNST	99.050	29.340					0.15										
				68	92	65	32	0		0.00	292			0.005				15
DR-421	GRÖNST	99.020	29.220					0.14										
				54	72	111	34	0		0.00	412			0.005				20
DR-422	GRÖNST	98.970	29.200	49.50	1.81	16.10	11.30	0.08	5.73	8.33	0.88	3.25	0.36					279
				11	58	63	24	10		0.00	301			0.010		287	42	35
				42	106						234							
DR-5	GRÖNST	100.930	27.930					0.17										
				101	79	48	43	0		0.00	314			0.000				20
DR-6	GRÖNST	100.850	27.990	46.40	1.72	12.80	12.10	0.23	9.48	7.42	3.01	0.07	0.19					106
				54	105	40	39	7		0.05	115			0.015		306	0	0
				37	106						88							
DR-7	GRÖNST	100.770	27.960					0.16										
				55	64	245	40	0		0.00	999			0.000				25
DR-8	GRÖNST	100.640	27.950					0.18										
				23	85	143	34	0		0.00	452			0.000				15
DR-9	GRÖNST	100.500	27.980					0.19										
				50	97	81	47	0		0.00	281			0.005				25
8437532	GRÖNST			53.96	1.19	16.21	9.78	0.23	8.57	1.02	2.47	0.73	0.22					94.56
				0	210	80		10		0.02	230	0			0	230	20	30
				60	190	10	0	0	10	10	110	0	20	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8437533	GRÖNST			51.15	1.37	11.96	17.57	0.32	11.96	0.37	0.15	0.01	0.18						95.34
				540	310	10		20		0.20	30	0			0	350	20		10
				30	100	10	0	0	0	10	30	0	0	10	0	10	0		
8437534	GRÖNST			71.40	0.64	13.15	4.05	0.06	2.49	1.00	5.78	0.04	0.15						98.90
				0	200	10		10		0.07	70	30			0	70	20		70
				60	270	10	0	0	0	0	20	0	50	10	0	10	0		
8437535	GRÖNST			71.86	0.23	14.57	3.30	0.04	2.04	0.50	5.73	0.83	0.03						99.26
				0	40	10		10		0.06	30	10			0	10	20		80
				50	260	10	0	0	10	20	250	0	30	10	0	10	0		
8437536	GRÖNST			76.95	0.24	11.55	3.10	0.03	1.55	0.35	5.12	0.35	0.04						99.46
				0	50	10		20		0.15	110	20			0	20	20		80
				40	220	10	0	0	10	10	110	0	20	20	0	10	0		
8437537	GRÖNST			56.66	1.60	14.53	10.11	0.17	5.90	1.89	4.30	0.04	0.50						96.08
				20	140	0		10		0.51	30	10			0	180	20		60
				60	200	10	0	0	10	0	20	0	20	0	0	0	0		
8437538	GRÖNST			55.49	0.39	15.54	8.41	0.10	5.79	5.09	4.71	0.67	0.16						97.08
				50	70	30		10		0.12	80	0			0	200	20		220
				40	150	10	0	0	10	10	160	0	20	10	0	0	0		
8437539	GRÖNST			50.77	1.06	15.90	11.71	0.17	6.95	2.91	5.35	0.05	0.14						95.65
				280	110	60		20		0.90	210	0			0	240	20		60
				40	100	10	0	0	0	10	30	0	0	0	0	0	0		
8437540	GRÖNST			44.85	0.83	12.95	21.15	0.65	9.52	0.90	0.37	0.00	0.10						91.67
				530	340	30		10		0.30	50	10			0	240	20		10
				40	70	0	0	10	0	10	30	0	0	10	0	0	0		
8437541	GRÖNST			49.56	0.50	15.47	9.19	0.14	8.61	8.22	2.79	0.12	0.07						94.91
				10	70	180		10		0.08	540	10			50	180	20		160
				30	40	0	0	10	0	10	30	0	10	10	0	0	0		
8437583	GRÖNST			22.35	0.93	14.71	37.07	0.53	5.24	5.28	0.19	0.45	0.20						98.75
				43300	3340	270		20		11.91	220	0	8		0	130	50		300
				50	350	20	0	0	10	40	240	0	70	0	0	20	10		

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					SUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437584	GRÖNST			72.04	0.43	9.52	8.09	0.02	1.16	0.52	3.75	0.60	0.05					99.28
				180	570	10		10		5.43	60	30	5		0	70	20	40
				80	240	10	20	0	10	10	190	0	20	10	0	0	0	
8437585	GRÖNST	97.860	30.500	48.60	1.11	15.40	10.97	0.12	5.88	7.61	3.37	0.46	0.11					93.80
				59	109	80	39	59		0.03	190	20	41		0	320	20	70
				40	60	0	0	0	0	10	40	0	10	0	0	10	0	
8437586	GRÖNST	98.130	30.430	49.81	1.40	15.99	12.12	0.17	6.98	8.32	4.40	0.13	0.15					99.75
				27	508	97	38	153		0.07	230	0	18		0	390	20	210
				40	80	0	0	0	0	20	10	0	0	0	0	10	0	
8437587	GRÖNST	98.220	30.510	53.09	1.11	14.28	8.38	0.12	3.71	10.79	5.53	0.12	0.14					97.53
				45	169	151	39	94		0.04	350	20	7		0	320	20	90
				40	70	0	0	0	0	20	40	0	0	10	0	0	0	
8437588	GRÖNST	98.260	30.490	47.64	1.10	17.06	11.38	0.15	6.32	8.81	3.67	0.78	0.12					97.27
				52	106	133	41	52		0.02	240	0	18		0	360	30	260
				40	70	0	0	10	10	0	140	0	0	10	0	10	0	
8437590	GRÖNST	98.470	30.480	51.41	1.02	16.11	10.04	0.14	6.60	8.77	4.50	0.08	0.10					98.95
				57	98	86	32	17		0.01	190	0	12		0	340	20	110
				40	60	0	0	0	0	0	40	0	0	0	0	0	0	
8437591	GRÖNST	98.560	30.500	46.56	1.19	16.35	11.71	0.15	8.62	8.85	3.47	0.04	0.13					97.26
				51	123	100	35	17		0.61	220	0	13		0	370	20	100
				50	70	0	0	0	10	20	50	0	0	0	10	10	0	
8437592	GRÖNST	98.710	30.490	49.51	1.13	16.26	11.87	0.19	8.69	6.81	4.01	0.08	0.10					98.86
				47	92	114	38	21		0.04	250	0	19		0	370	20	110
				40	70	0	0	10	10	0	40	0	0	0	0	10	0	
3437593	GRÖNST	98.740	30.460	61.84	0.96	16.61	9.35	0.05	2.81	0.72	6.40	0.07	0.20					99.14
				7	247	24	8	20		0.00	40	30	16		0	80	20	50
				80	230	10	0	0	10	20	10	0	10	0	0	10	0	
8437594	GRÖNST	98.920	30.500	46.75	0.55	11.35	7.98	0.13	14.68	7.21	0.63	0.02	0.11					89.68
				11	67	477	46	20		0.00	920	0	24		0	150	20	120
				30	70	0	0	0	0	0	60	0	20	0	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437595	GRÖNST	98.980	30.500	51.89	1.08	14.25	10.22	0.17	3.66	8.82	5.99	0.03	0.12					96.39
				41	70	22	24	35		0.01	30	40	9		0	350	20	60
				40	70	0	0	0	0	20	30	0	0	10	0	10	0	
8437596	GRÖNST	99.030	30.500	49.00	1.24	16.50	12.81	0.21	6.28	6.52	4.64	0.09	0.15					97.60
				36	100	70	35	23		0.02	90	0	13		0	380	20	80
				40	80	0	0	10	10	10	40	0	0	0	0	10	0	
8437597	GRÖNST	99.300	30.470	46.42	1.00	16.37	9.88	0.16	8.34	12.59	2.22	0.12	0.08					97.38
				59	76	144	36	26		0.00	300	40	12		0	250	20	140
				30	70	0	0	0	0	20	20	0	10	10	0	0	0	
8437598	GRÖNST	99.510	30.500	47.63	1.02	18.18	9.71	0.15	7.70	9.79	2.72	1.15	0.09					98.32
				24	46	118	33	27		0.01	330	30	14		10	230	30	90
				40	80	0	0	10	0	10	140	0	0	0	0	10	0	
8437599	GRÖNST	99.570	30.490	45.96	1.05	18.60	7.49	0.13	5.67	15.44	3.11	0.23	0.09					97.95
				8	39	110	26	26		0.00	350	40	9		0	240	20	200
				40	80	0	0	0	10	0	40	0	0	0	0	10	0	
8437600	GRÖNST	99.640	30.500	48.87	1.30	16.42	11.34	0.19	6.30	10.72	2.95	0.49	0.12					98.87
				11	65	65	31	32		0.01	230	30	9		50	320	20	120
				40	90	0	0	0	10	0	70	0	0	10	0	0	0	
8437603	GRÖNST	101.100	30.470	48.39	0.36	17.16	7.93	0.13	9.92	10.28	3.15	0.05	0.02					97.55
				32	60	115	31	29		0.01	340	20	11		0	150	20	70
				20	20	0	0	10	0	0	30	0	0	0	0	10	0	
8437604	GRÖNST	101.240	30.480	47.75	0.39	14.96	7.81	0.13	9.40	15.94	1.21	0.03	0.01					97.77
				31	38	123	24	29		0.01	300	40	8		40	180	20	150
				20	10	0	0	0	0	10	10	0	0	0	10	10	0	
8437605	GRÖNST	101.310	30.480	47.71	1.27	14.64	10.45	0.15	7.06	11.23	2.84	0.07	0.11					95.75
				68	98	131	47	16		0.02	300	20	13		0	310	20	160
				50	80	0	0	0	0	20	30	0	0	0	0	10	0	
8437606	GRÖNST	101.370	30.510	43.93	1.52	17.13	14.14	0.20	10.35	4.99	3.38	0.07	0.16					96.06
				57	140	69	49	5		0.01	220	10	20		0	430	20	60
				40	80	0	0	0	0	20	40	0	0	0	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437608	GRÖNST	101.490	30.500	45.54	1.32	17.78	12.67	0.17	8.34	5.00	4.06	0.28	0.14					95.51
				40	144	126	54	19		0.02	280	0	24		0	350	20	110
				40	30	0	0	0	10	20	50	0	0	0	0	10	0	
8437609	GRÖNST	101.530	30.500	50.99	1.02	17.08	8.56	0.14	7.51	7.64	4.15	0.76	0.10					98.22
				45	89	83	29	16		0.01	610	0	16		0	320	30	130
				40	60	0	0	0	0	20	150	0	0	0	0	0	0	
8437610	GRÖNST	101.580	30.510	47.51	1.14	15.84	11.97	0.18	7.03	8.19	4.01	0.46	0.11					96.67
				50	112	193	45	16		0.00	440	0	17		0	360	20	100
				40	60	0	0	0	10	20	50	0	0	0	10	10	0	
8437611	GRÖNST	101.680	30.560	42.46	0.66	9.73	12.08	0.18	20.26	7.37	0.92	0.03	0.06					94.18
				46	35	774	83	12		0.00	1740	0	29		0	200	20	10
				30	50	0	0	0	0	0	20	0	0	0	0	0	0	
8437612	GRÖNST	101.720	30.490	41.53	1.24	13.97	13.01	0.18	10.53	14.02	0.23	0.36	0.25					95.73
				31	87	135	44	20		0.15	360	10	16		30	460	20	750
				30	60	10	0	10	0	10	130	0	40	0	0	10	0	
8437617	GRÖNST	102.620	30.530	42.03	2.19	16.61	13.80	0.17	6.36	13.83	1.23	0.02	0.11					96.62
				10	70	57	35	16		0.03	50	30	10		120	680	20	380
				40	120	0	0	20	10	10	10	0	0	0	0	10	0	
8437618	GRÖNST	102.710	30.490	54.63	1.38	13.95	10.81	0.18	6.67	6.35	5.49	0.05	0.14					99.81
				27	90	48	26	9		0.03	70	20	6		0	300	20	60
				40	90	0	0	0	10	20	10	0	0	0	0	10	0	
8437619	GRÖNST	98.140	31.240	47.72	1.30	15.85	12.05	0.20	7.93	8.10	3.54	0.06	0.12					97.09
				33	99	117	36	40		0.03	260	20	17		0	390	20	100
				40	70	0	0	0	0	20	10	0	10	0	0	10	0	
8437620	GRÖNST	98.170	31.160	48.05	1.13	14.63	11.58	0.22	9.62	8.04	3.39	0.40	0.20					97.50
				60	82	201	38	19		0.02	420	10	17		0	310	20	80
				40	70	0	0	10	10	20	40	0	0	0	10	10	0	
8437621	GRÖNST	98.220	31.160	47.87	1.33	15.61	11.47	0.15	7.48	9.88	3.64	0.14	0.12					97.90
				26	44	103	34	19		0.03	220	20	17		0	400	20	250
				40	30	0	0	10	0	0	20	0	0	0	0	0	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437622	GRÖNST	98.320	31.100	43.22	0.97	16.83	10.18	0.15	7.48	10.05	3.75	0.28	0.10					98.24
				39	57	126	32	16		0.06	270	30	15		0	310	20	130
				40	50	0	0	0	0	0	40	0	0	0	0	10	0	
8437623	GRÖNST	98.380	31.160	49.31	1.28	15.78	10.82	0.15	6.88	8.57	4.24	0.30	0.12					97.78
				43	48	115	33	18		0.28	220	10	18		0	360	20	150
				40	100	0	0	0	0	10	40	0	0	0	10	10	0	
8437624	GRÖNST	98.450	31.180	50.30	1.21	15.52	11.01	0.17	8.23	6.76	4.30	0.17	0.11					97.97
				51	33	125	34	18		0.03	240	20	16		0	340	20	70
				40	70	0	0	0	10	20	20	0	0	0	0	10	0	
8437625	GRÖNST	98.510	31.220	50.78	1.16	15.39	10.34	0.17	6.62	8.75	4.41	0.28	0.22					98.34
				60	75	143	44	34		0.03	260	20	8		0	310	20	120
				40	80	0	0	0	10	10	50	0	0	10	0	10	0	
8437626	GRÖNST	98.560	31.200	49.25	1.22	15.97	11.12	0.23	7.71	7.85	3.72	0.49	0.22					98.00
				68	79	137	46	28		0.03	240	0	12		0	320	30	200
				40	70	0	0	0	0	0	40	0	0	0	0	0	0	
8437627	GRÖNST	98.640	31.200	47.68	1.13	16.04	11.95	0.36	8.77	5.76	3.45	1.00	0.11					96.45
				74	91	165	50	29		0.00	340	20	13		0	350	30	120
				40	70	0	0	0	10	10	130	0	0	0	0	10	0	
8437628	GRÖNST	98.670	31.170	54.25	0.76	16.21	9.69	0.23	6.74	5.34	5.51	0.14	0.09					99.12
				26	72	75	41	33		0.02	140	10	12		0	260	20	120
				40	100	0	0	0	0	20	70	0	0	10	0	10	0	
8437629	GRÖNST	98.720	31.170	47.45	0.91	15.29	10.92	0.19	8.07	6.42	5.33	0.04	0.09					94.93
				59	38	153	43	56		0.02	350	20	13		0	310	20	50
				40	50	0	0	0	10	10	40	0	0	0	10	10	0	
8437630	GRÖNST	99.620	31.030	47.19	1.15	17.85	9.58	0.15	6.79	10.96	3.04	0.59	0.12					97.57
				11	42	88	36	20		0.02	230	0	8		0	260	20	140
				40	80	0	0	0	0	20	50	0	0	0	0	10	0	
8437631	GRÖNST	99.730	31.020	52.51	1.30	15.15	13.00	0.18	6.02	4.54	5.93	0.09	0.14					99.03
				46	110	42	47	19		0.04	50	10	10		0	400	20	50
				40	90	0	0	0	0	30	40	0	10	0	0	0	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437632	GRÖNST	99.800	31.010	52.82	1.51	15.59	13.85	0.22	4.65	4.26	6.44	0.06	0.19					99.79
				54	128	36	40	27		0.06	10	10	6		0	430	20	60
				50	100	0	0	0	0	20	40	0	10	0	0	0	0	
8437633	GRÖNST	99.860	31.000	53.95	1.10	15.73	13.11	0.24	4.01	4.40	6.83	0.07	0.12					99.71
				46	199	26	37	24		0.00	20	0	6		0	410	20	50
				40	70	0	0	0	0	20	20	0	0	10	0	0	0	
8437634	GRÖNST	99.940	30.970	49.85	1.38	16.18	12.28	0.20	8.02	4.04	5.09	0.04	0.14					97.44
				62	110	67	48	17		0.09	260	0	14		0	350	20	50
				40	100	0	0	0	0	20	20	0	0	0	0	10	0	
8437635	GRÖNST	100.010	30.990	51.65	1.41	16.31	14.17	0.18	5.18	4.29	6.16	0.04	0.18					99.74
				16	151	42	36	21		0.04	20	0	8		0	370	20	90
				50	110	0	0	10	0	0	40	0	10	0	0	10	0	
8437636	GRÖNST	100.080	30.980	55.36	1.37	16.08	12.98	0.23	4.13	2.63	6.34	0.24	0.16					99.70
				38	178	32	37	24		0.02	30	20	6		10	340	20	90
				50	120	0	0	0	0	20	50	0	20	0	0	10	0	
8437642	GRÖNST	102.000	31.070	49.51	0.97	15.17	10.51	0.16	7.62	10.91	2.98	0.05	0.07					98.14
				57	79	109	40	24		0.02	320	40	5		0	290	20	70
				50	70	0	0	10	10	0	20	0	0	0	0	0	0	
8437645	GRÖNST	102.790	30.990	51.54	0.90	15.45	10.61	0.17	5.91	8.57	4.60	0.06	0.10					98.08
				64	72	60	40	13		0.02	60	90	5		0	330	20	220
				40	50	0	0	0	0	30	20	0	0	20	10	0	0	
8437646	GRÖNST	101.410	32.010	49.17	1.23	17.19	12.51	0.17	4.35	10.54	1.66	0.01	0.23					97.39
				106	88	37	41	26		0.22	30	60	5		0	410	20	300
				30	90	10	0	10	10	40	10	0	20	10	0	10	0	
8437647	GRÖNST	101.540	31.980	53.35	1.13	15.42	10.72	0.17	5.24	5.63	5.82	0.07	0.13					97.94
				55	116	53	41	8		0.11	150	20	7		0	310	20	100
				40	90	0	0	0	0	20	50	0	0	0	10	0	0	
8437652	GRÖNST	102.960	31.990	55.21	1.30	16.32	9.71	0.21	4.77	4.43	6.64	0.05	0.20					99.53
				130	83	22	50	12		1.01	10	10	5		0	320	10	60
				60	130	0	10	0	10	20	20	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437653	GRÖNST	97.810	42.470	47.89	1.13	15.96	10.67	0.19	8.45	7.34	4.31	0.02	0.18					96.33
				73	81	146	41	8		0.01	310	0	16		0	310	10	190
				40	60	0	0	0	10	30	20	0	10	0	0	10	0	
8437654	GRÖNST	97.870	42.490	51.11	0.65	14.83	7.53	0.07	3.56	7.70	5.64	1.32	0.15					92.74
				19	50	77	35	3		0.00	290	20	4		0	250	30	120
				30	40	0	10	0	0	10	40	0	10	0	0	10	0	
8437655	GRÖNST	97.910	42.540	41.13	0.59	13.19	7.23	0.14	6.89	13.24	4.01	0.45	0.09					87.12
				58	44	125	33	10		0.00	320	20	25		0	200	20	100
				30	30	0	0	0	0	10	40	0	0	0	0	10	0	
8437656	GRÖNST	98.000	42.490	49.19	0.73	14.78	7.39	0.12	5.57	9.64	4.82	0.03	0.10					92.54
				77	53	93	38	7		0.00	290	10	24		0	270	20	80
				30	40	0	0	0	10	0	10	0	0	0	0	10	0	
8437658	GRÖNST	98.260	42.480	48.60	1.14	15.32	9.34	0.17	6.67	9.88	4.30	0.07	0.14					95.79
				45	63	83	42	10		0.01	270	10	12		0	260	20	60
				40	70	0	0	0	0	0	30	0	0	0	0	10	0	
8437659	GRÖNST	98.330	42.490	46.85	1.30	14.51	10.57	0.16	6.79	8.76	1.00	2.43	0.13					92.68
				86	262	75	43	7		0.00	230	0	20		0	320	50	60
				50	90	0	0	0	0	30	200	0	0	0	0	10	0	
8437660	GRÖNST	98.390	42.450	47.78	1.34	15.14	11.12	0.16	6.69	11.98	3.17	0.26	0.12					98.03
				93	72	82	51	7		0.17	290	0	10		0	320	20	70
				40	90	0	0	10	10	40	40	0	0	0	0	10	0	
8437661	GRÖNST	98.450	42.470	51.50	1.64	15.53	13.75	0.19	4.47	6.13	6.13	0.09	0.20					99.81
				32	101	54	39	6		0.04	30	0	6		0	480	20	50
				50	110	0	0	10	0	30	30	0	0	0	0	0	0	
8437662	GRÖNST	98.570	42.490	49.84	1.63	14.13	12.54	0.21	6.35	10.75	3.70	0.09	0.14					99.59
				80	81	57	46	9		0.05	170	30	7		0	380	20	150
				50	110	0	0	10	10	0	30	0	0	10	0	10	0	
8437663	GRÖNST	98.700	42.610	52.05	1.56	13.35	10.58	0.21	7.27	9.15	4.44	0.04	0.13					99.00
				165	76	105	51	5		0.04	260	10	7		0	330	20	60
				40	90	0	0	0	0	10	20	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437672	GRÖNST	100.210	42.530	46.32	0.38	21.30	7.93	0.12	5.49	10.60	3.18	1.69	0.08					97.76
				76	53	100	37	11		0.01	300	60	14		0	210	30	80
				40	60	0	0	0	0	10	80	0	10	0	10	10	0	
8437673	GRÖNST	100.300	42.510	50.11	1.48	15.73	8.21	0.15	3.97	9.21	5.62	0.06	0.19					94.93
				89	119	65	36	28		0.05	110	10	6		0	340	10	150
				50	90	0	0	0	10	10	20	0	0	0	0	10	0	
8437674	GRÖNST	100.420	42.500	51.03	1.63	14.61	12.27	0.16	5.79	8.53	3.68	0.03	0.20					98.41
				78	75	75	48	23		0.50	80	30	8		0	390	20	390
				50	110	0	10	0	0	10	10	0	10	10	10	10	0	
8437676	GRÖNST	97.890	43.480	47.81	1.51	15.11	11.38	0.20	6.15	11.00	3.63	0.12	0.14					97.27
				71	85	76	47	17		0.03	110	40	10		0	380	20	220
				40	90	0	0	0	10	20	0	0	0	0	0	0	0	
8437677	GRÖNST	97.980	43.520	46.25	1.07	15.88	10.09	0.14	7.90	7.41	4.01	0.04	0.14					93.14
				73	76	102	46	16		0.00	260	0	20		0	280	20	370
				40	70	0	10	0	0	10	10	0	0	0	0	10	0	
8437678	GRÖNST	98.040	43.500	49.48	1.14	15.38	9.98	0.16	5.95	10.14	4.71	0.10	0.11					97.34
				75	76	91	41	14		0.03	290	30	12		0	290	20	130
				40	80	0	0	0	0	10	50	0	0	0	0	10	0	
8437679	GRÖNST	98.180	43.490	48.57	1.68	13.48	13.81	0.22	7.80	8.22	3.81	0.11	0.15					98.06
				22	111	68	46	20		0.04	80	0	10		0	390	20	360
				50	120	0	0	0	10	10	40	0	30	0	0	10	0	
8437680	GRÖNST	98.740	43.530	47.97	1.34	15.87	10.64	0.21	7.18	10.28	3.69	0.11	0.09					97.64
				32	64	77	47	13		0.13	310	40	9		0	310	20	90
				40	90	0	0	0	0	0	50	0	0	0	0	10	0	
8437681	GRÖNST	98.830	43.510	50.38	1.25	15.10	10.45	0.21	6.77	10.60	3.62	0.14	0.09					98.81
				66	72	79	38	22		0.03	300	30	7		20	300	20	100
				40	80	0	0	0	0	20	50	0	0	0	0	10	0	
8437690	GRÖNST	99.630	43.520	48.23	1.68	14.90	12.67	0.18	7.15	8.39	4.17	0.04	0.15					97.85
				85	101	78	43	12		0.16	160	40	9		0	390	20	130
				50	120	0	0	10	0	10	30	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					CXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437691	GRÖNST	99.690	43.520	50.92	1.51	14.12	12.55	0.22	7.36	7.41	4.54	0.07	0.14					99.04
				24	81	101	42	12		0.01	200	0	8		0	370	20	120
				50	100	0	0	10	0	10	40	0	0	0	0	0	0	
8437692	GRÖNST	99.730	43.510	48.61	1.72	13.60	14.43	0.18	5.37	10.76	1.93	0.01	0.17					97.07
				49	100	59	43	15		0.14	40	30	8		0	390	20	480
				50	110	0	0	10	0	20	10	0	0	0	0	0	0	
8437693	GRÖNST	100.080	43.600	50.68	0.92	16.75	9.52	0.10	5.85	7.33	4.20	0.08	0.11					95.73
				78	90	111	41	16		0.00	240	60	20		0	320	20	70
				40	50	0	10	0	0	20	20	0	0	0	0	10	0	
8437694	GRÖNST	100.250	43.520	47.51	0.96	9.93	12.01	0.19	13.18	9.00	0.70	0.71	0.07					94.52
				34	80	313	58	20		0.00	780	30	29		0	280	30	40
				40	50	0	0	0	10	0	120	0	10	0	10	0	0	
8437695	GRÖNST	100.320	43.560	43.33	0.95	17.14	10.92	0.17	8.61	11.63	2.66	0.06	0.06					95.70
				34	78	100	41	23		0.00	300	20	19		0	330	20	60
				40	50	0	0	0	0	0	20	0	0	10	0	10	0	
8437698	GRÖNST	100.690	43.450	47.31	0.89	14.30	7.08	0.14	2.97	13.49	5.12	0.21	0.11					91.81
				39	67	125	34	20		0.03	250	0	20		0	230	20	70
				40	50	0	0	0	0	10	20	0	0	0	0	10	0	
8437699	GRÖNST	100.870	43.540	50.43	1.14	15.46	9.59	0.17	5.51	8.27	4.85	0.03	0.12					95.85
				65	63	81	33	16		0.10	200	10	19		0	360	20	100
				40	70	0	10	0	10	20	20	0	0	0	0	10	0	
8437700	GRÖNST	97.800	44.020	50.05	1.88	15.62	13.14	0.17	5.19	4.48	5.91	0.05	0.33					97.01
				21	122	19	25	18		0.04	30	10	10		0	270	20	70
				70	180	0	0	0	0	20	20	0	0	0	0	10	0	
8437701	GRÖNST	97.880	43.970	45.47	0.73	13.96	10.92	0.18	10.24	11.41	1.93	0.67	0.22					96.08
				105	73	179	50	18		0.05	630	10	14		30	280	20	300
				30	50	0	10	0	10	10	80	0	0	0	0	10	0	
8437702	GRÖNST	97.960	43.970	51.89	1.30	13.99	9.12	0.17	5.85	9.49	6.37	0.04	0.14					98.59
				87	73	66	43	22		0.04	290	10	6		0	310	10	180
				40	80	0	0	0	10	0	30	0	10	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8437703	GRÖNST	98.060	44.050	52.94	1.52	15.24	11.94	0.12	2.53	7.24	6.79	0.05	0.16						98.70
				52	72	32	25	22		0.01	30	10	5		0	500	20	50	
				50	100	0	0	0	10	20	20	0	10	0	0	0	0		
8437704	GRÖNST	98.260	44.050	46.31	1.21	16.18	10.54	0.18	7.42	10.53	3.36	0.14	0.11						96.14
				89	78	118	46	17		0.01	300	0	12		0	300	20	70	
				40	80	0	0	0	0	10	30	0	0	0	0	10	0		
8437705	GRÖNST	98.350	44.000	47.68	1.32	16.59	10.81	0.18	7.54	9.80	3.86	0.56	0.09						98.68
				103	85	94	50	37		0.10	310	20	15		0	310	30	130	
				50	30	0	0	0	0	30	60	0	0	0	0	10	0		
8437706	GRÖNST	98.430	43.970	47.90	2.32	14.12	17.87	0.24	5.61	6.45	4.51	0.03	0.26						99.59
				21	163	46	45	23		0.18	20	0	8		0	510	20	60	
				60	180	10	0	10	10	20	30	0	20	0	0	10	0		
8437707	GRÖNST	98.520	43.950	48.39	2.40	14.15	16.87	0.25	4.39	7.63	5.11	0.03	0.26						99.76
				56	150	46	49	21		0.19	10	20	6		10	540	20	120	
				60	180	10	0	10	10	20	10	0	0	10	0	0	0		
8437708	GRÖNST	98.580	43.960	48.91	1.31	15.47	10.81	0.17	6.73	10.12	3.80	0.06	0.12						97.72
				74	87	83	48	26		0.05	330	30	13		40	300	20	190	
				40	90	0	0	0	0	20	20	0	0	10	0	0	0		
8437709	GRÖNST	98.650	44.010	47.91	0.94	17.85	9.34	0.19	6.61	11.49	3.28	0.23	0.06						98.07
				11	119	115	39	17		0.01	270	0	13		0	230	20	200	
				40	60	0	0	0	10	0	50	0	0	0	0	10	0		
8437719	GRÖNST	99.400	43.980	46.75	1.52	15.76	11.51	0.18	7.62	10.48	3.56	0.03	0.14						97.84
				78	85	132	45	22		0.12	280	40	12		0	350	20	90	
				40	100	0	0	10	0	10	30	0	0	0	0	0	0		
8437720	GRÖNST	99.500	44.000	50.98	1.28	15.07	14.53	0.20	5.63	6.80	4.42	0.52	0.08						99.74
				29	80	49	46	19		0.06	10	40	8		220	610	20	140	
				40	40	0	0	0	0	10	80	0	0	0	0	10	0		
8437722	GRÖNST	99.820	43.890	49.71	0.99	15.84	11.01	0.15	6.57	10.35	1.89	0.17	0.09						97.01
				36	78	121	34	36		0.01	230	40	22		0	360	20	550	
				40	30	0	0	0	0	10	30	0	0	0	0	10	0		

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437723	GRÖNST	99.860	43.990	50.20	1.15	13.27	9.64	0.14	4.32	11.13	3.61	0.25	0.13					94.05
				44	93	188	38	29		0.01	340	30	22		0	290	20	60
				40	60	0	10	0	10	20	10	0	10	0	0	10	0	
8437724	GRÖNST	99.900	44.020	45.37	0.86	12.47	8.08	0.17	5.41	15.90	2.76	0.05	0.11					91.39
				47	77	184	38	34		0.02	320	20	23		0	280	20	100
				40	50	0	10	0	10	30	20	0	0	10	0	10	0	
8437725	GRÖNST	99.940	44.030	51.41	0.87	12.84	8.29	0.15	5.65	10.69	3.62	0.22	0.11					94.04
				52	85	135	34	17		0.01	260	30	17		0	270	20	60
				40	50	0	0	0	0	20	10	0	10	10	0	10	0	
8437726	GRÖNST	99.980	44.020	42.69	0.80	13.59	9.16	0.16	5.11	15.94	2.73	0.08	0.11					90.58
				45	89	151	37	27		0.02	330	40	18		0	290	20	140
				40	40	0	0	0	0	20	10	0	0	0	0	0	0	
8437727	GRÖNST	100.010	44.020	47.74	1.26	16.61	12.07	0.14	6.29	9.13	3.17	0.04	0.13					96.84
				57	104	181	46	15		0.02	390	30	23		0	400	20	150
				50	60	0	0	10	0	20	30	0	0	0	0	10	0	
8437728	GRÖNST	100.100	43.980	47.09	0.98	15.06	10.68	0.14	5.02	12.12	2.80	0.12	0.10					94.29
				55	99	113	41	23		0.00	270	10	21		0	360	20	80
				40	50	0	0	0	10	0	20	0	0	0	0	10	0	
8437729	GRÖNST	100.180	44.040	47.86	1.01	13.75	9.84	0.14	5.90	10.62	3.55	0.22	0.12					93.21
				50	90	166	40	26		0.00	300	40	25		0	300	20	50
				40	50	0	0	0	0	30	40	0	0	0	0	10	0	
8437730	GRÖNST	100.250	44.020	49.65	1.25	16.02	10.57	0.16	6.15	9.66	4.11	0.09	0.13					97.96
				24	101	111	41	25		0.00	200	40	10		0	360	20	140
				50	70	0	0	0	0	0	30	0	10	0	0	0	0	
8437731	GRÖNST	100.330	44.020	48.81	0.88	13.85	10.04	0.18	6.96	10.24	4.06	0.12	0.11					95.45
				65	92	141	39	24		0.01	330	40	17		0	270	20	60
				40	60	0	0	0	0	20	50	0	0	10	0	10	0	
8437732	GRÖNST	100.370	44.010	46.89	0.76	15.45	9.91	0.15	6.84	10.72	3.55	0.07	0.08					94.62
				24	88	174	44	28		0.01	400	20	16		0	330	20	80
				30	50	0	0	0	10	30	30	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437733	GRÖNST	100.540	44.060	49.53	0.84	14.43	9.22	0.15	5.80	12.86	2.53	0.02	0.09					95.69
				56	80	174	38	21		0.02	430	30	21		0	300	20	60
				40	40	0	0	0	0	20	10	0	0	10	0	10	0	
8437734	GRÖNST	100.600	44.010	46.61	1.13	16.34	12.27	0.13	5.21	8.37	4.29	0.15	0.11					94.86
				61	97	183	45	35		0.00	460	30	23		0	340	20	90
				40	60	0	0	0	10	10	30	0	0	150	0	10	0	
8437736	GRÖNST	100.880	44.020	48.72	0.99	14.38	8.75	0.14	5.20	10.95	3.55	0.39	0.11					93.34
				56	77	132	34	28		0.00	220	10	14		0	300	20	60
				30	60	0	0	0	0	30	50	0	0	0	0	10	0	
8437739	GRÖNST	97.920	44.530	48.59	0.96	20.11	7.65	0.13	6.99	6.79	4.28	0.75	0.07					96.49
				83	66	164	43	27		0.02	310	0	18		0	240	20	70
				40	60	0	0	0	0	20	100	0	0	0	0	0	0	
8437740	GRÖNST	98.000	44.490	49.97	1.29	14.87	10.87	0.15	6.95	7.13	4.59	0.05	0.13					96.16
				53	85	76	38	27		0.02	170	0	9		0	320	20	90
				40	90	0	0	0	0	10	20	0	0	0	0	10	0	
8437741	GRÖNST	98.080	44.460	47.20	1.57	15.64	13.17	0.16	7.28	6.62	4.44	0.04	0.15					96.46
				56	104	87	47	29		0.02	150	10	13		0	450	20	70
				40	100	0	0	0	0	10	20	0	0	0	0	10	0	
8437742	GRÖNST	98.150	44.480	50.49	1.64	14.22	12.44	0.20	6.75	8.37	4.51	0.02	0.16					99.01
				78	91	71	45	32		0.04	180	0	7		0	380	20	130
				50	120	0	0	0	10	20	30	0	0	10	0	10	0	
8437743	GRÖNST	98.280	44.470	66.73	0.80	15.09	5.55	0.09	1.41	2.81	5.70	1.00	0.11					99.48
				24	66	30	17	28		0.09	20	60	5		0	160	30	140
				40	120	0	10	0	10	0	110	0	10	0	0	10	0	
8437744	GRÖNST	98.730	44.510	46.80	1.27	16.17	10.98	0.15	6.84	11.06	3.05	0.23	0.11					96.91
				65	58	118	43	30		0.02	260	20	8		400	300	20	150
				40	80	0	0	0	10	10	30	0	10	0	0	10	0	
8437747	GRÖNST	99.570	44.540	46.15	0.97	13.97	11.94	0.18	11.15	7.21	2.45	0.17	0.08					94.50
				47	94	272	48	26		0.01	580	10	27		0	330	20	70
				40	50	0	0	0	0	20	20	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437748	GRÖNST	99.850	44.530	47.33	0.82	14.15	10.54	0.15	6.04	10.12	2.76	0.06	0.08					92.24
				53	79	142	34	38		0.01	270	20	16		0	320	20	150
				40	40	0	0	0	10	20	30	0	0	0	10	10	0	
8437749	GRÖNST	99.960	44.490	46.38	0.79	15.54	10.48	0.17	6.47	9.44	3.18	0.05	0.07					92.74
				52	95	136	40	28		0.00	220	30	25		0	320	20	160
				40	40	0	0	0	0	0	30	0	10	0	0	10	0	
8437750	GRÖNST	100.050	44.490	50.17	0.78	14.18	9.55	0.13	8.42	7.67	4.13	0.30	0.10					95.63
				61	66	174	39	26		0.00	390	0	23		0	290	20	70
				40	50	0	0	0	10	10	60	0	0	0	10	10	0	
8437751	GRÖNST	100.160	44.430	48.23	0.67	14.77	9.32	0.13	7.33	10.28	4.08	0.07	0.08					95.18
				65	82	197	32	35		0.01	430	60	21		0	270	10	50
				30	40	0	0	0	10	10	20	0	0	0	10	10	0	
8437752	GRÖNST	100.280	44.460	51.31	1.11	15.56	10.31	0.14	5.66	10.16	4.34	0.18	0.11					99.10
				46	82	129	33	35		0.02	280	30	11		0	320	20	200
				40	70	0	0	0	10	10	10	0	0	0	0	0	0	
8437753	GRÖNST	100.380	44.490	48.49	0.81	15.84	11.07	0.14	6.93	9.06	4.22	0.10	0.10					97.01
				77	103	225	53	33		0.02	530	40	19		0	280	20	120
				40	50	0	10	0	0	30	10	0	0	0	0	10	0	
8437754	GRÖNST	100.480	44.490	44.74	0.67	14.36	9.31	0.14	7.09	12.55	3.69	0.38	0.09					93.25
				67	77	154	46	34		0.02	350	30	22		0	270	20	110
				30	40	0	0	10	0	0	40	0	0	0	0	10	0	
8437755	GRÖNST	100.620	44.530	46.37	1.00	15.54	8.72	0.14	5.83	11.05	4.27	0.27	0.12					93.51
				57	84	161	49	24		0.00	290	0	21		0	300	20	110
				40	60	0	0	10	0	20	30	0	0	0	0	0	0	
8437756	GRÖNST	100.770	44.510	47.55	1.09	16.18	11.39	0.15	6.74	9.02	4.18	0.45	0.12					97.10
				70	98	120	47	24		0.02	240	20	23		0	390	20	210
				40	60	0	0	0	10	30	50	0	0	0	0	10	0	
8437757	GRÖNST	100.880	44.490	48.01	1.18	17.09	8.89	0.14	5.16	8.09	5.72	0.12	0.14					94.74
				57	94	174	58	21		0.01	310	0	21		0	310	20	280
				30	80	0	0	0	10	0	20	0	0	10	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437758	GRÖNST	97.600	45.010	48.39	1.28	15.65	10.74	0.15	7.81	8.93	3.77	0.16	0.14					97.23
				68	92	122	43	23		0.05	270	40	17		0	350	20	160
				40	80	0	0	0	10	30	30	0	0	0	0	10	0	
8437759	GRÖNST	97.700	45.000	59.55	1.72	13.94	10.82	0.13	3.28	4.13	5.63	0.06	0.29					99.76
				22	106	39	24	22		0.11	30	10	8		0	280	20	90
				50	120	0	0	0	0	20	20	0	10	10	0	10	0	
8437760	GRÖNST	97.770	45.000	53.00	1.27	14.81	12.27	0.09	5.34	5.64	4.79	0.03	0.17					97.57
				24	95	36	30	29		0.03	10	20	13		0	380	20	70
				50	80	0	0	0	10	10	0	0	0	0	0	10	0	
3437761	GRÖNST	97.850	45.000	45.60	1.28	15.15	11.24	0.15	6.95	7.53	3.66	0.11	0.12					91.98
				23	92	24	31	26		0.02	280	0	13		0	300	20	60
				40	80	0	0	0	10	20	20	0	0	0	0	10	0	
8437762	GRÖNST	98.070	44.990	47.56	1.48	15.82	11.72	0.18	7.09	10.40	3.64	0.05	0.13					98.32
				97	92	76	47	30		0.07	260	40	13		0	340	20	170
				40	100	0	0	10	0	10	40	0	0	0	0	10	0	
8437763	GRÖNST	98.220	45.070	49.65	2.29	13.93	15.30	0.17	6.68	5.03	4.60	0.02	0.24					98.19
				39	126	42	48	24		0.16	20	20	7		0	490	20	40
				60	170	0	0	0	10	30	10	0	0	10	0	10	0	
8437764	GRÖNST	98.260	45.000	49.63	2.12	14.54	14.91	0.18	5.17	6.04	4.96	0.02	0.24					98.10
				49	117	47	46	30		0.12	30	20	7		0	480	20	60
				50	150	0	0	0	10	10	10	0	10	0	0	0	0	
8437765	GRÖNST	98.390	45.010	47.90	1.40	16.01	11.21	0.16	7.58	9.56	3.68	0.04	0.12					97.90
				102	85	108	51	34		0.06	290	20	11		0	330	20	160
				40	90	0	0	0	0	10	20	0	10	0	0	10	0	
8437766	GRÖNST	98.510	44.970	47.79	1.29	16.86	10.52	0.19	6.59	11.41	3.31	0.13	0.11					98.48
				115	89	111	47	27		0.14	270	70	10		20	300	20	70
				40	80	0	0	0	10	10	30	0	0	10	0	10	0	
8437767	GRÖNST	98.650	44.990	46.63	1.25	17.11	10.21	0.18	6.76	11.33	3.06	0.06	0.11					96.93
				97	105	112	47	31		0.05	280	20	11		0	300	20	70
				40	80	0	0	0	0	10	10	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437771	GRÖNST	99.730	45.070	50.68	0.73	16.89	8.79	0.13	7.60	6.69	5.29	0.10	0.08					97.21
				31	84	136	43	24		0.05	610	0	21		0	240	20	100
				30	40	0	0	0	10	20	40	0	0	0	0	10	0	
8437772	GRÖNST	99.860	45.030	47.60	0.71	15.37	8.74	0.14	5.48	10.58	4.87	0.06	0.09					93.85
				53	73	176	43	27		0.00	410	20	13		0	250	20	70
				30	40	0	0	0	0	10	40	0	0	0	0	10	0	
8437773	GRÖNST	100.150	45.000	47.71	1.10	16.09	9.66	0.13	5.51	10.43	4.94	0.18	0.13					96.10
				53	83	143	40	23		0.00	290	0	18		0	320	20	150
				40	70	0	0	0	10	20	30	0	0	0	0	10	0	
8437774	GRÖNST	100.230	45.070	55.08	1.06	15.57	8.92	0.15	5.45	5.91	6.20	0.17	0.12					98.84
				14	121	166	44	24		0.01	430	20	13		0	270	20	110
				40	70	10	0	10	0	10	90	0	10	0	0	10	0	
8437777	GRÖNST	97.350	45.470	44.10	0.83	15.21	14.05	0.22	9.35	9.11	2.15	1.20	0.08					96.63
				54	109	341	67	25		0.01	870	0	27		0	360	30	120
				40	50	0	0	0	10	10	30	0	10	0	0	10	0	
8437778	GRÖNST	97.410	45.500	49.77	1.20	14.88	9.95	0.18	5.84	9.08	5.54	0.06	0.14					96.81
				39	78	67	31	19		0.00	180	0	13		0	310	20	50
				40	80	0	0	10	0	30	40	0	0	10	0	10	0	
8437779	GRÖNST	97.500	45.570	49.17	0.86	15.67	13.41	0.22	8.16	5.13	3.18	0.05	0.09					96.09
				56	89	33	47	25		0.01	20	10	20		0	320	20	240
				30	30	0	0	0	0	30	30	0	0	0	0	10	0	
8437780	GRÖNST	97.570	45.500	46.43	1.03	17.94	9.69	0.15	7.69	10.16	2.17	1.79	0.08					97.39
				100	65	170	49	19		0.05	270	110	16		0	240	70	70
				50	70	10	0	0	0	30	310	0	0	10	0	0	0	
8437781	GRÖNST	97.650	45.510	52.70	1.18	15.57	11.44	0.13	5.50	6.93	5.48	0.03	0.16					99.33
				66	92	39	39	27		0.05	60	0	9		0	330	20	140
				40	80	0	0	0	10	20	20	0	10	0	0	10	0	
8437782	GRÖNST	97.690	45.510	47.10	0.90	17.81	8.82	0.13	6.77	10.96	3.55	0.10	0.07					96.42
				100	67	134	41	27		0.01	290	40	17		0	220	10	130
				40	50	0	0	0	10	10	20	0	0	10	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437783	GRÖNST	97.830	45.530	53.25	1.31	15.49	10.49	0.16	5.43	7.12	5.80	0.05	0.17					99.53
				78	98	84	42	23		0.10	230	20	7		0	310	20	130
				40	110	0	0	10	10	20	20	0	0	0	0	10	0	
8437784	GRÖNST	98.050	45.500	47.87	1.73	13.95	13.63	0.21	6.20	10.98	3.83	0.03	0.16					98.97
				84	99	50	50	33		0.33	90	30	9		0	400	20	120
				50	130	0	0	0	10	10	50	0	0	10	0	10	0	
8437786	GRÖNST	98.390	45.580	46.94	1.33	16.21	11.34	0.16	7.12	9.88	3.37	0.03	0.11					96.70
				70	120	98	45	30		0.05	300	60	13		0	320	20	100
				40	90	0	0	10	10	30	30	0	0	0	0	10	0	
8437787	GRÖNST	98.510	45.490	50.85	1.38	15.69	10.31	0.18	6.95	8.24	4.64	0.06	0.12					98.63
				78	110	96	42	30		0.06	280	0	11		0	290	20	110
				40	100	0	0	0	0	20	0	0	0	10	0	0	0	
8437788	GRÖNST	98.620	45.480	44.32	1.61	15.24	13.55	0.21	6.35	11.94	3.00	0.02	0.14					96.62
				87	92	66	41	32		0.01	110	20	8		20	410	20	320
				50	110	0	0	10	0	20	20	0	0	0	0	10	0	
8437789	GRÖNST	98.700	45.530	48.96	1.72	13.77	14.40	0.19	6.89	7.74	3.96	0.07	0.15					98.06
				33	66	62	46	34		0.03	70	30	8		180	390	20	190
				50	120	0	0	10	0	10	10	0	10	0	0	10	0	
8437791	GRÖNST	99.020	45.510	48.27	1.60	14.73	11.74	0.18	6.08	11.10	3.88	0.04	0.13					97.99
				81	109	48	43	30		0.06	170	50	9		0	360	20	130
				50	110	0	0	0	10	10	20	0	0	0	0	10	0	
8437794	GRÖNST	99.330	45.490	50.27	0.88	14.08	10.65	0.18	6.23	11.32	1.29	0.08	0.09					95.30
				41	95	124	34	35		0.00	350	80	28		0	320	20	200
				40	40	0	0	0	10	20	30	0	0	10	0	10	0	
8437795	GRÖNST	99.410	45.490	51.05	0.92	15.37	7.78	0.11	4.65	8.25	4.98	0.02	0.10					93.41
				38	89	91	34	29		0.01	240	30	30		0	310	10	110
				40	50	0	0	0	0	10	20	0	0	10	0	10	0	
8437798	GRÖNST	97.140	46.030	49.25	0.96	14.38	10.48	0.15	9.35	6.63	4.59	0.37	0.11					96.44
				23	75	104	36	25		0.01	210	0	16		0	310	20	80
				40	50	0	0	0	0	10	60	0	10	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437799	GRÖNST	97.310	45.990	47.86	1.25	16.48	12.25	0.22	6.32	7.25	4.99	0.12	0.11					97.03
				71	101	55	35	26		0.00	150	30	14		0	420	20	50
				40	60	0	0	10	10	20	30	0	0	20	0	0	0	
8437800	GRÖNST	97.420	45.990	45.79	1.30	15.17	9.94	0.18	7.07	10.74	3.71	0.88	0.11					95.09
				72	85	114	38	27		0.01	240	10	19		0	280	20	140
				40	100	0	0	0	10	20	60	0	0	0	0	10	0	
8437803	GRÖNST	97.660	45.970	48.84	1.59	15.63	12.48	0.18	7.16	7.76	4.31	0.18	0.14					98.49
				82	100	61	49	13		0.02	200	40	11		0	360	20	160
				50	110	10	0	10	10	20	40	0	0	10	0	0	0	
8437804	GRÖNST	97.730	46.000	46.94	1.64	15.18	12.78	0.20	6.02	11.86	3.54	0.29	0.14					98.82
				93	95	50	48	11		0.01	130	30	10		0	370	20	220
				50	110	0	0	10	0	20	40	0	10	10	0	10	0	
8437805	GRÖNST	97.880	45.980	49.21	1.65	14.32	12.32	0.19	7.07	9.57	4.33	0.02	0.15					99.06
				77	101	52	48	10		0.04	190	10	8		0	380	20	90
				40	120	0	0	10	10	10	0	0	10	0	50	0	0	
8437806	GRÖNST	98.020	45.970	49.49	1.65	14.35	12.70	0.21	7.29	8.14	4.57	0.03	0.15					98.82
				85	111	54	47	9		0.06	170	40	10		0	370	20	100
				40	120	0	0	0	0	10	30	0	0	10	0	10	0	
8437807	GRÖNST	98.360	45.980	44.86	1.56	14.17	11.58	0.17	5.73	12.72	3.23	0.08	0.16					94.52
				94	89	44	45	15		0.05	150	30	8		0	350	20	350
				50	110	0	0	0	10	10	40	0	0	0	0	10	0	
8437808	GRÖNST	98.530	46.060	47.39	1.33	14.70	10.95	0.18	7.02	10.84	3.96	0.04	0.11					96.76
				71	85	72	46	9		0.04	270	40	15		0	330	20	140
				40	90	0	0	0	10	0	10	0	10	10	0	10	0	
8437809	GRÖNST	98.670	46.040	50.41	1.03	15.79	11.21	0.16	7.36	7.22	4.04	0.06	0.10					97.57
				50	98	46	39	13		0.04	190	30	14		0	380	20	110
				40	60	0	0	0	0	10	20	0	10	0	0	10	0	
8437810	GRÖNST	98.760	46.000	49.85	0.70	16.20	10.64	0.15	8.35	7.27	3.50	1.19	0.08					98.17
				84	98	157	46	8		0.02	660	30	18		0	240	30	50
				30	50	0	0	0	10	0	80	0	0	10	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437811	GRÖNST	98.870	46.000	45.05	1.17	18.19	9.58	0.16	7.58	13.09	2.67	0.25	0.10					98.13
				72	111	196	49	15		0.05	580	50	25		0	260	0	400
				40	70	0	0	10	0	20	50	0	0	30	0	10	0	
8437813	GRÖNST	101.740	27.010	48.15	1.24	15.19	12.37	0.18	10.08	7.08	3.46	0.10	0.11					98.17
				36	92	177	53	15		0.02	270	0	19		0	370	20	90
				40	70	0	0	0	10	30	30	0	0	0	0	10	0	
8437814	GRÖNST	101.660	27.010	51.29	1.22	15.04	11.42	0.16	6.97	6.62	4.79	0.08	0.11					97.95
				38	117	119	51	11		0.04	270	30	7		0	350	20	130
				40	70	0	0	0	10	10	30	0	0	0	0	10	0	
8437815	GRÖNST	101.550	26.990	50.64	0.99	17.56	11.47	0.16	6.36	6.06	5.14	0.04	0.10					98.67
				40	111	41	47	11		0.01	50	10	8		0	330	20	100
				40	60	0	0	10	0	10	30	0	10	0	0	10	0	
8437816	GRÖNST	101.470	27.020	48.30	0.95	16.58	10.39	0.17	4.94	9.85	5.24	0.03	0.14					96.78
				58	103	68	45	13		0.02	170	40	6		0	350	20	80
				40	60	0	0	0	10	10	0	0	0	10	0	10	0	
8437817	GRÖNST	101.400	27.010	49.44	1.31	15.56	12.97	0.22	6.93	8.21	4.22	0.04	0.12					99.24
				35	97	48	43	9		0.02	180	10	10		0	390	20	180
				50	80	0	0	0	0	20	40	0	0	0	0	0	0	
8437818	GRÖNST	101.260	27.010	48.01	1.57	15.56	12.58	0.21	7.11	8.94	3.98	0.10	0.15					98.43
				71	92	43	51	13		0.01	130	70	10		0	360	20	150
				40	120	10	0	0	0	10	40	0	10	10	0	10	0	
8437819	GRÖNST	101.120	27.010	51.47	1.68	14.26	13.30	0.21	6.42	6.68	5.23	0.15	0.16					99.76
				33	107	41	46	11		0.03	90	0	8		0	390	20	60
				50	120	0	0	0	10	20	10	0	20	0	0	10	0	
8437820	GRÖNST	100.960	27.010	48.14	0.79	16.82	9.74	0.16	7.15	11.69	3.62	0.04	0.05					98.38
				57	70	117	49	16		0.00	310	50	9		0	240	20	160
				30	40	0	0	0	10	20	10	0	0	10	0	10	0	
8437821	GRÖNST	100.650	27.010	46.83	1.15	17.14	10.27	0.19	8.91	11.09	2.92	0.07	0.08					98.82
				23	87	134	27	17		0.01	280	60	15		0	260	20	100
				40	80	0	0	0	10	10	20	0	10	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437822	GRÖNST	100.560	27.010	50.60	1.13	16.13	10.35	0.15	7.28	8.25	4.43	0.06	0.09					98.66
				20	80	143	48	14		0.00	270	50	9		0	280	20	120
				40	30	0	0	0	0	20	10	0	0	10	0	10	0	
8437823	GRÖNST	100.310	27.010	46.56	1.12	15.13	9.31	0.19	4.86	10.66	5.36	0.09	0.13					93.58
				68	95	60	41	19		0.00	110	20	10		0	300	20	90
				40	70	0	0	0	10	10	20	0	0	0	0	10	0	
8437824	GRÖNST	100.180	26.950	55.66	1.14	13.96	10.27	0.17	6.49	5.22	5.96	0.17	0.12					99.31
				60	130	47	39	13		0.02	80	70	9		0	320	20	30
				40	70	0	10	0	10	20	30	0	0	10	0	10	0	
8437825	GRÖNST	100.110	26.960	52.11	1.08	16.96	10.57	0.14	3.57	6.60	7.19	0.04	0.16					98.57
				32	99	25	33	15		0.01	10	10	11		0	330	20	130
				40	50	0	0	0	0	30	10	0	0	10	0	10	0	
8437826	GRÖNST	99.970	27.010	45.44	0.83	15.41	8.68	0.16	4.35	11.93	5.51	0.03	0.12					92.64
				30	91	120	36	38		0.01	270	20	14		0	270	20	80
				40	50	0	0	0	10	20	30	0	0	0	0	10	0	
8437827	GRÖNST	99.870	27.010	52.76	1.47	17.80	13.21	0.15	4.19	2.59	7.06	0.03	0.26					99.68
				0	134	9	26	16		0.01	20	30	15		0	260	20	40
				70	160	0	0	10	0	20	0	0	0	10	0	10	0	
8437828	GRÖNST	99.650	26.870	46.65	1.01	14.63	9.62	0.17	4.98	15.36	3.42	0.09	0.11					96.22
				34	72	72	36	24		0.00	180	30	6		0	340	20	110
				30	60	0	0	0	10	20	30	0	10	0	0	10	0	
8437829	GRÖNST	99.500	27.020	51.56	1.07	16.27	9.59	0.15	6.62	8.42	4.65	0.12	0.13					98.79
				54	78	88	42	22		0.02	230	30	12		0	330	20	90
				40	50	0	0	0	10	20	20	0	0	0	0	10	0	
8437830	GRÖNST	99.430	27.010	50.94	1.13	16.44	9.15	0.14	7.16	9.42	4.37	0.36	0.11					99.40
				50	77	82	38	14		0.01	250	10	12		0	320	20	190
				40	60	0	0	0	0	0	40	0	0	0	0	0	0	
8437831	GRÖNST	99.310	27.010	50.06	1.07	14.48	9.25	0.14	8.98	11.09	3.16	0.37	0.08					98.91
				26	56	66	33	19		0.03	420	40	11		0	350	20	90
				40	50	0	0	0	10	10	60	0	0	20	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437832	GRÖNST	99.220	26.960	48.50	1.40	15.69	13.80	0.18	7.33	7.02	3.70	0.45	0.16					98.39
				15	94	30	44	17		0.00	20	20	15		0	410	20	100
				50	90	0	0	0	0	20	30	0	20	0	0	0	0	
8437833	GRÖNST	99.110	27.040	48.56	1.19	16.77	11.42	0.17	6.95	7.48	4.66	0.17	0.12					97.71
				31	108	88	46	18		0.07	220	20	13		0	340	20	150
				40	60	0	0	0	10	30	20	0	0	0	0	10	0	
8437834	GRÖNST	99.040	26.990	45.72	1.34	17.25	12.92	0.17	6.41	10.30	3.23	0.12	0.13					97.84
				51	110	130	53	14		0.03	290	20	20		0	400	20	170
				40	90	0	0	0	10	30	40	0	10	0	0	0	0	
8437835	GRÖNST	98.910	26.990	49.73	0.98	14.27	8.31	0.16	5.73	9.48	5.27	0.66	0.12					94.90
				38	86	150	47	17		0.00	330	20	15		0	240	20	50
				40	70	0	0	0	0	10	50	0	0	10	0	10	0	
8437836	GRÖNST	98.840	26.990	46.93	1.85	15.91	11.80	0.18	7.10	8.18	3.18	1.42	0.20					96.96
				54	103	77	54	17		0.00	230	30	18		0	430	30	200
				50	140	0	0	0	0	20	30	0	10	0	0	0	0	
8437837	GRÖNST	98.800	27.470	43.65	0.90	15.21	8.49	0.14	5.50	12.49	3.16	1.78	0.14					91.66
				49	88	119	50	19		0.00	270	0	22		0	330	40	140
				40	50	0	0	0	0	0	40	0	10	0	0	10	0	
8437838	GRÖNST	98.830	27.530	47.58	1.19	16.83	12.08	0.16	7.19	8.18	4.33	0.13	0.13					98.03
				56	99	66	46	18		0.06	240	20	19		0	400	20	160
				40	70	0	0	10	10	0	10	0	0	0	0	10	0	
8437839	GRÖNST	98.960	27.410	49.11	1.25	15.99	10.99	0.14	7.91	7.39	3.95	0.31	0.12					97.38
				18	90	73	44	21		0.02	220	30	18		0	360	20	320
				40	70	0	0	0	10	0	40	0	0	0	0	0	0	
8437840	GRÖNST	99.100	27.530	46.67	0.84	19.73	8.79	0.14	8.02	11.63	2.98	0.14	0.08					99.19
				25	68	130	34	21		0.00	360	10	20		0	220	20	180
				30	50	0	0	0	10	10	30	0	0	0	0	10	0	
8437841	GRÖNST	99.230	27.480	43.55	1.11	15.41	10.18	0.14	9.98	6.03	4.50	0.06	0.14					96.29
				43	68	95	41	19		0.00	230	0	21		0	340	20	190
				40	70	0	10	0	10	10	10	0	10	20	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437842	GRÖNST	99.270	27.510	50.80	1.08	15.19	10.54	0.17	7.28	8.11	4.64	0.19	0.10					98.33
				46	102	80	42	23		0.06	220	50	13		0	340	20	80
				40	60	0	0	0	10	20	50	0	0	10	0	0	0	
8437843	GRÖNST	99.340	27.500	48.26	1.30	15.77	12.75	0.18	6.68	10.02	3.83	0.06	0.20					99.28
				51	104	61	43	23		0.07	190	10	13		0	410	20	100
				40	70	0	0	10	0	20	20	0	0	0	0	10	0	
8437844	GRÖNST	99.480	27.500	56.55	1.13	14.98	8.18	0.11	5.24	7.24	5.70	0.05	0.11					99.47
				25	75	71	30	17		0.02	210	40	7		0	270	20	80
				30	70	0	10	0	0	10	20	0	0	10	0	0	0	
8437845	GRÖNST	99.550	27.520	46.50	0.90	16.72	9.38	0.13	4.39	9.07	6.14	0.03	0.12					93.57
				36	95	108	50	23		0.00	270	0	16		0	320	20	100
				40	60	0	0	0	0	20	40	0	0	0	0	10	0	
8437846	GRÖNST	99.760	27.510	49.75	1.27	15.99	12.01	0.18	7.22	6.74	4.40	0.09	0.13					97.99
				43	132	66	46	15		0.00	230	50	10		0	370	20	90
				40	80	0	0	10	10	0	20	0	10	10	0	10	0	
8437847	GRÖNST	99.900	27.510	50.85	1.14	16.02	11.54	0.18	7.06	6.55	4.91	0.26	0.13					98.82
				56	87	38	46	19		0.03	170	10	12		0	320	20	70
				40	80	0	0	0	10	0	50	0	0	0	0	0	0	
8437848	GRÖNST	100.000	27.460	49.35	1.03	16.54	9.97	0.17	7.23	7.06	4.53	0.09	0.13					96.28
				39	124	70	42	22		0.02	210	20	10		0	270	20	220
				30	70	0	0	0	10	20	10	0	0	0	0	10	0	
8437849	GRÖNST	100.070	27.500	51.80	1.16	14.90	11.61	0.22	6.44	6.23	3.45	0.07	0.12					96.16
				33	147	51	46	20		0.01	60	0	11		0	340	20	90
				40	80	0	10	0	10	0	30	0	0	0	0	10	0	
8437850	GRÖNST	100.190	27.480	48.34	1.23	17.00	11.37	0.20	6.74	9.82	3.55	0.06	0.12					98.72
				77	118	62	37	11		0.19	130	50	9		0	320	20	80
				40	90	0	0	10	10	0	20	0	0	10	0	0	0	
8437851	GRÖNST	100.320	27.570	48.65	1.33	12.94	8.26	0.18	4.46	12.41	3.75	0.04	0.14					92.41
				35	89	58	32	18		0.13	200	30	10		0	290	20	80
				40	100	0	0	0	0	20	40	0	0	0	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437852	GRÖNST	100.370	27.520	58.60	0.91	10.87	7.75	0.13	4.21	8.85	3.20	0.04	0.10					94.97
				64	117	47	32	13		0.21	160	60	7		0	220	20	60
				30	70	10	0	0	10	20	10	0	10	10	0	0	0	
8437853	GRÖNST	100.470	27.470	47.44	1.36	14.58	11.84	0.25	7.59	11.09	2.67	0.08	0.11					97.23
				19	174	59	40	12		0.01	220	10	9		0	350	20	150
				40	90	0	0	10	0	10	40	0	0	0	0	0	0	
8437854	GRÖNST	100.510	27.500	48.64	1.01	15.63	11.31	0.19	7.45	5.98	4.97	0.09	0.10					95.52
				88	105	56	44	15		0.01	140	10	14		0	330	10	50
				30	60	0	0	0	0	0	10	0	0	0	0	0	0	
8437855	GRÖNST	100.580	27.530	50.15	1.01	14.49	10.14	0.17	8.11	9.74	3.47	0.12	0.09					97.80
				24	107	61	33	16		0.23	270	30	8		0	310	20	110
				40	60	0	0	10	0	0	40	0	0	0	0	0	0	
8437856	GRÖNST	100.760	27.520	50.51	1.04	15.03	11.58	0.22	6.41	9.24	4.22	0.08	0.09					98.61
				47	116	61	40	14		0.03	180	20	8		0	350	20	270
				40	60	0	0	0	0	0	0	0	10	10	0	10	0	
8437857	GRÖNST	100.820	27.450	49.36	1.64	13.96	13.17	0.20	6.43	9.10	4.13	0.14	0.15					98.57
				71	104	40	43	17		0.09	90	40	7		0	410	20	170
				50	110	0	0	0	0	40	30	0	0	10	0	10	0	
8437858	GRÖNST	100.900	27.520	48.55	1.28	14.98	12.25	0.19	7.62	8.25	4.06	0.06	0.11					97.57
				103	128	60	42	21		0.01	310	40	12		0	330	10	90
				40	80	0	0	10	0	10	20	0	0	10	0	0	0	
8437859	GRÖNST	101.010	27.520	49.47	1.22	16.35	13.08	0.16	5.13	6.64	5.57	0.06	0.13					98.58
				59	73	13	39	10		0.95	20	40	7		0	430	20	200
				40	70	0	0	0	10	10	30	0	0	10	0	0	0	
8437860	GRÖNST	101.080	27.450	53.88	1.07	18.66	8.75	0.08	4.11	2.49	7.40	0.06	0.08					99.58
				116	1100	63	47	29		4.75	290	110	11		0	250	10	50
				40	60	0	0	0	0	10	30	0	0	10	0	10	0	
8437861	GRÖNST	101.130	27.490	49.44	1.35	15.02	11.72	0.19	8.40	6.53	4.29	0.05	0.11					97.82
				55	114	37	38	16		0.88	100	320	9		0	320	20	170
				40	80	20	10	10	0	20	20	0	30	60	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437862	GRÖNST	101.250	27.500	50.19	1.48	14.64	12.31	0.18	6.23	8.50	4.31	0.07	0.14					98.82
				34	91	17	46	14		1.03	60	10	7		0	390	20	240
				40	100	0	0	10	0	30	20	0	10	0	0	10	0	
8437863	GRÖNST	101.410	27.480	48.94	0.89	16.54	9.89	0.17	6.76	10.90	3.40	0.06	0.07					97.81
				39	97	63	31	15		0.02	270	50	11		0	270	20	100
				30	50	10	0	0	10	10	30	0	10	10	0	0	0	
8437864	GRÖNST	101.560	27.470	48.65	1.38	15.46	12.68	0.18	6.57	6.09	4.90	0.05	0.12					96.27
				48	109	56	46	16		0.00	140	30	8		0	390	10	50
				40	80	0	0	10	0	20	20	0	0	10	0	0	0	
8437865	GRÖNST	101.590	27.520	50.11	1.28	15.84	12.24	0.17	5.75	8.08	4.73	0.04	0.13					98.63
				52	102	46	48	21		0.15	50	160	7		0	380	20	120
				40	90	10	10	0	10	10	50	0	0	30	0	10	0	
8437866	GRÖNST	101.760	27.540	49.46	1.12	16.66	11.37	0.17	6.19	7.19	5.03	0.06	0.14					97.62
				46	125	95	40	18		0.15	210	70	9		0	340	20	100
				40	70	10	0	0	0	0	0	0	10	20	0	10	0	
8437867	GRÖNST	101.980	27.990	48.78	1.03	16.64	10.47	0.14	5.96	7.84	5.29	0.08	0.14					96.57
				64	142	77	37	17		0.01	170	120	8		0	360	20	130
				40	60	10	10	0	10	10	40	0	10	20	0	10	0	
8437868	GRÖNST	101.880	28.030	48.87	1.33	14.82	12.55	0.20	7.89	7.99	4.00	0.07	0.12					98.04
				11	95	78	49	20		0.01	280	20	9		120	330	20	80
				40	90	0	0	10	0	0	30	0	10	0	0	10	0	
8437872	GRÖNST	101.420	28.030	46.47	1.10	14.83	10.81	0.17	6.33	14.27	3.08	0.08	0.13					97.45
				59	115	101	39	22		0.01	210	20	9		0	340	20	260
				40	60	0	0	10	10	10	30	0	0	0	0	0	0	
8437873	GRÖNST	101.280	28.010	46.86	1.21	15.29	9.35	0.14	6.16	11.33	2.93	1.17	0.16					94.80
				58	100	82	40	26		0.03	180	20	15		0	400	30	150
				40	80	0	0	10	0	20	70	0	0	0	0	10	0	
8437874	GRÖNST	101.190	28.000	48.48	0.84	14.41	10.71	0.18	8.00	12.34	2.43	0.06	0.05					97.69
				32	77	77	40	10		0.02	370	40	8		90	290	20	90
				30	40	0	0	10	10	10	40	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437875	GRÖNST	101.110	28.030	47.79	1.82	13.63	13.65	0.20	6.92	10.67	2.96	0.03	0.18					98.18
				32	123	46	38	24		0.26	50	70	8		40	420	20	90
				50	130	10	0	10	10	30	0	0	10	10	0	0	0	
8437876	GRÖNST	101.070	28.000	49.57	1.29	14.00	10.92	0.20	7.10	11.28	2.96	0.03	0.12					97.74
				206	104	77	46	20		0.08	330	70	7		0	300	20	110
				40	90	10	0	0	10	20	40	0	0	0	0	0	0	
8437877	GRÖNST	100.900	28.030	48.93	1.23	15.57	10.89	0.16	6.75	9.99	3.47	0.05	0.11					97.41
				57	139	70	41	27		0.08	270	80	14		0	310	20	130
				40	80	0	0	10	0	30	30	0	0	0	0	10	0	
8437878	GRÖNST	100.760	27.950	46.24	1.23	15.93	11.34	0.19	7.68	11.53	2.58	0.10	0.11					97.14
				45	126	91	48	19		0.01	330	60	10		0	320	20	110
				40	90	10	0	0	0	10	50	0	20	10	0	0	0	
8437879	GRÖNST	100.670	27.950	41.49	1.05	17.95	12.25	0.18	8.25	13.08	1.33	0.22	0.08					96.12
				84	112	152	54	30		0.02	430	20	14		0	330	20	260
				40	60	0	0	10	10	0	110	0	0	0	0	10	0	
8437880	GRÖNST	100.510	27.980	47.35	1.60	14.20	12.97	0.20	7.18	10.14	3.35	0.06	0.14					97.44
				51	112	71	52	35		0.02	140	40	9		0	400	20	260
				50	100	0	0	0	0	30	0	0	0	0	0	10	0	
8437881	GRÖNST	100.430	27.960	49.83	1.25	14.42	10.89	0.18	7.59	10.28	3.66	0.10	0.11					98.49
				46	128	79	49	26		0.00	290	20	11		0	330	20	80
				40	80	0	0	0	0	0	20	0	10	10	0	10	0	
8437882	GRÖNST	100.330	27.930	52.87	1.18	11.68	10.47	0.16	7.55	10.81	3.96	0.09	0.10					99.15
				122	94	81	52	24		0.10	290	70	6		0	270	20	120
				40	70	10	0	10	0	30	10	0	10	20	0	10	0	
8437883	GRÖNST	100.250	28.000	45.81	1.34	15.04	14.35	0.21	7.83	6.55	4.16	0.06	0.10					95.63
				63	156	72	55	20		0.01	240	10	14		0	360	20	60
				40	90	0	0	0	0	10	30	0	0	10	0	10	0	
8437884	GRÖNST	100.170	28.020	45.08	1.22	17.13	11.25	0.19	8.13	10.58	2.88	0.03	0.10					96.81
				133	109	120	49	20		0.00	370	40	13		0	340	20	50
				40	80	0	0	0	0	10	10	0	0	10	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437885	GRÖNST	99.940	28.030	48.64	0.91	15.57	9.49	0.17	6.67	11.14	4.50	0.02	0.09					97.40
				79	37	98	37	13		0.04	290	30	9		0	280	20	60
				30	60	0	0	0	0	20	20	0	0	0	0	10	0	
8437886	GRÖNST	99.810	28.010	46.37	1.83	14.62	13.77	0.21	6.78	8.32	4.04	0.11	0.18					96.55
				26	132	32	41	15		0.20	80	90	10		0	470	20	150
				50	140	10	0	0	0	20	0	0	20	10	0	0	0	
8437887	GRÖNST	99.640	27.990	50.29	1.18	14.84	11.52	0.17	8.01	6.77	3.94	0.07	0.11					97.07
				68	109	48	46	19		0.01	100	30	10		0	330	20	110
				40	30	0	0	0	0	20	40	0	0	0	0	10	0	
8437888	GRÖNST	99.460	28.030	59.20	1.23	13.48	7.51	0.13	5.03	5.54	6.58	0.08	0.06					99.02
				13	112	38	36	6		0.05	90	140	5		0	280	10	50
				30	70	10	0	0	0	20	30	0	0	30	0	10	0	
8437889	GRÖNST	99.370	28.010	49.43	1.43	15.54	13.45	0.18	7.44	5.11	4.72	0.11	0.15					97.73
				50	175	21	47	9		0.03	30	0	17		0	380	20	120
				50	100	0	0	0	10	20	30	0	0	0	0	0	0	
8437890	GRÖNST	99.310	28.010	47.66	1.65	14.98	11.84	0.18	6.67	11.09	2.88	0.27	0.16					97.57
				76	118	68	44	22		0.00	150	40	11		0	390	20	140
				50	120	0	0	10	10	0	30	0	10	10	0	0	0	
8437891	GRÖNST	99.260	28.000	46.26	1.40	13.75	13.07	0.18	7.80	7.72	1.21	0.60	0.12					92.32
				85	133	50	47	10		0.10	120	30	21		0	350	20	100
				40	90	0	0	10	0	0	50	0	20	0	0	10	0	
8437892	GRÖNST	99.220	28.010	54.78	1.12	15.69	11.94	0.12	3.55	4.88	6.15	0.05	0.13					98.57
				25	94	8	31	7		0.01	10	90	12		0	390	10	70
				40	60	10	0	0	10	10	10	0	20	20	0	10	0	
8437893	GRÖNST	99.100	27.990	50.49	1.61	15.27	13.54	0.17	5.01	5.31	5.36	0.03	0.18					97.14
				37	129	16	43	8		0.01	0	40	14		0	440	20	70
				40	110	0	0	0	0	20	10	0	10	0	0	0	0	
8437894	GRÖNST	98.980	28.010	49.82	1.18	17.94	8.81	0.13	4.73	6.10	6.48	0.04	0.19					95.61
				69	114	63	36	0		0.01	200	40	14		0	300	20	50
				40	90	0	0	0	0	20	10	0	20	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437895	GRÖNST	98.910	28.000	50.38	0.81	16.43	11.04	0.16	5.22	7.16	5.62	0.05	0.09					97.07
				26	109	33	41	6		0.01	20	20	13		0	300	10	60
				40	50	0	0	0	0	0	40	0	10	0	0	0	0	
8437896	GRÖNST	98.780	28.020	50.54	1.19	15.67	11.44	0.17	7.38	5.87	4.99	0.10	0.23					97.78
				51	100	84	36	10		0.02	200	40	17		0	320	20	90
				40	80	0	0	0	0	10	40	0	0	10	0	10	0	
8437897	GRÖNST	98.620	28.060	48.67	1.14	16.33	10.39	0.19	8.79	7.04	3.85	0.26	0.13					96.98
				50	100	140	46	8		0.00	260	20	21		0	320	20	140
				40	70	0	0	10	0	10	50	0	10	0	0	10	0	
8437898	GRÖNST	98.520	28.030	47.66	1.27	15.43	12.31	0.17	8.82	6.76	3.58	0.32	0.14					96.65
				28	73	57	44	8		0.00	140	10	18		0	390	20	160
				40	70	0	0	0	10	0	30	0	0	10	0	10	0	
8437941	GRÖNST	100.290	30.220	50.49	0.82	14.75	10.75	0.17	9.22	5.87	4.34	0.09	0.15					96.79
				5	61	62	42	8		0.00	100	10	12		40	280	20	130
				40	40	0	0	10	0	10	30	0	0	0	0	10	0	
8437942	GRÖNST	100.170	30.200	50.43	0.82	18.41	10.81	0.11	3.30	9.86	4.19	0.06	0.07					98.30
				26	100	119	35	16		0.01	440	60	12		0	240	20	370
				30	40	0	0	0	10	0	20	0	10	10	0	10	0	
8437943	GRÖNST	100.150	30.260	51.14	1.13	15.90	9.91	0.16	8.20	5.25	4.95	0.19	0.11					97.10
				5	93	62	39	4		0.00	220	0	14		10	250	20	100
				40	80	0	0	0	0	10	40	0	0	0	10	10	0	
8437944	GRÖNST	99.990	30.320	48.96	1.12	15.51	10.65	0.19	9.00	6.63	3.81	0.55	0.08					96.67
				5	115	126	47	13		0.00	270	20	16		60	250	20	80
				40	80	0	0	0	0	10	60	0	0	0	0	0	0	
8437945	GRÖNST	99.700	30.310	47.12	1.51	17.13	14.23	0.13	6.10	4.05	5.30	0.05	0.15					95.93
				10	103	49	43	12		0.00	50	20	11		0	390	20	200
				40	100	0	0	0	10	20	20	0	0	0	0	10	0	
8437952	GRÖNST	101.650	31.710	47.15	0.93	15.25	10.12	0.17	9.06	11.57	1.76	0.03	0.08					96.30
				49	89	103	47	22		0.00	400	60	12		0	270	20	70
				40	50	0	0	0	10	10	30	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					SXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437967	GRÖNST	101.050	41.770	48.10	1.21	16.34	11.02	0.24	8.58	4.30	4.50	0.19	0.11					94.76
				18	139	123	48	11		0.00	310	0	21		0	280	20	70
				40	90	0	0	0	0	20	30	0	0	0	0	0	0	
8437968	GRÖNST	100.960	41.750	47.94	1.31	15.42	11.48	0.19	7.91	6.08	4.33	0.03	0.12					95.01
				79	105	78	41	18		0.02	270	0	20		0	310	20	100
				40	90	0	0	0	0	10	40	0	0	0	0	10	0	
8437969	GRÖNST	100.810	41.710	45.08	1.52	13.63	16.04	0.16	9.57	6.56	3.13	0.03	0.15					96.04
				9	70	46	56	9		0.01	100	20	23		10	390	20	190
				50	120	0	0	0	10	30	40	0	0	0	0	0	0	
8437970	GRÖNST	100.710	41.810	47.45	1.54	14.19	13.12	0.18	6.63	11.40	3.01	0.17	0.14					98.07
				70	120	54	42	15		0.05	120	50	14		0	350	20	280
				50	100	0	0	10	10	10	60	0	0	0	20	0	0	
8437971	GRÖNST	100.620	41.790	46.43	1.51	15.58	10.81	0.18	6.50	7.80	4.07	0.02	0.15					93.26
				77	105	101	46	16		0.00	160	40	20		0	350	20	210
				40	110	0	0	0	0	20	10	0	0	10	0	10	0	
8437972	GRÖNST	100.510	41.820	51.32	1.28	15.79	8.64	0.13	6.17	7.40	5.07	0.74	0.12					97.23
				92	88	91	42	16		0.63	350	30	17		0	320	30	150
				40	90	0	0	0	10	10	190	0	20	10	0	0	0	
8437975	GRÖNST	100.200	41.750	47.77	1.24	19.16	9.04	0.19	6.19	4.53	5.47	0.87	0.12					94.81
				72	506	57	29	30		0.05	260	20	21		0	270	20	50
				40	90	0	0	0	0	30	60	0	10	0	0	10	0	
8437976	GRÖNST	100.090	41.750	47.71	1.30	14.96	11.52	0.15	8.21	6.60	3.78	0.03	0.12					94.56
				85	91	51	43	18		0.01	300	30	23		0	330	20	50
				40	90	0	0	0	10	20	40	0	0	0	0	10	0	
8437977	GRÖNST	100.000	41.780	47.25	1.27	15.39	11.25	0.16	6.94	7.69	4.21	0.03	0.15					94.52
				76	102	50	41	7		0.03	140	20	18		0	330	10	80
				40	90	0	0	0	0	0	30	0	0	0	0	10	0	
8437978	GRÖNST	102.570	39.240	48.07	1.38	14.90	11.61	0.18	7.57	10.34	3.30	0.09	0.12					97.76
				95	102	66	44	5		0.00	250	30	19		0	340	20	130
				40	100	0	0	0	0	30	20	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437980	GRÖNST	102.450	39.160	50.97	1.39	14.90	12.25	0.14	7.31	8.28	0.52	0.29	0.13					96.39
				86	119	66	41	10		0.00	270	40	29		0	330	20	270
				40	110	10	0	10	0	10	60	0	0	0	0	10	0	
8437981	GRÖNST	102.360	39.170	47.17	1.63	15.12	12.58	0.19	6.21	10.27	3.64	0.08	0.15					97.27
				74	138	73	43	7		0.00	220	150	17		0	380	20	220
				50	110	0	0	10	0	10	40	0	0	0	0	10	0	
8437982	GRÖNST	102.260	39.020	52.86	1.51	15.24	12.08	0.19	5.18	5.87	5.44	0.09	0.19					98.95
				46	109	51	39	4		0.16	110	40	15		0	400	20	70
				50	110	0	0	10	0	0	20	0	0	0	0	0	0	
8437983	GRÖNST	102.090	38.980	49.24	1.50	15.01	11.72	0.18	6.25	10.34	3.67	0.40	0.14					98.66
				103	105	72	45	13		0.00	220	20	17		0	340	20	170
				40	100	0	0	0	0	30	50	0	0	0	0	0	0	
8437984	GRÖNST	98.290	43.330	54.24	1.53	14.57	12.38	0.15	3.63	5.93	6.54	0.04	0.15					99.58
				50	105	31	35	7		0.39	30	50	11		0	490	20	40
				40	90	0	0	0	0	10	30	10	10	0	0	10	0	
8437985	GRÖNST	98.410	43.290	51.21	1.75	14.20	12.20	0.16	4.68	7.70	5.28	0.03	0.18					97.63
				43	108	39	33	12		0.05	40	30	12		0	460	10	260
				50	130	0	0	0	10	30	10	0	10	0	0	10	0	
8437986	GRÖNST	98.640	43.300	46.38	0.89	18.81	7.83	0.15	5.24	14.05	3.15	0.08	0.08					96.85
				53	78	99	37	10		0.01	300	40	16		0	230	20	220
				30	60	0	0	10	0	10	20	0	10	10	0	10	0	
8437987	GRÖNST	98.910	43.440	46.93	1.97	13.73	14.98	0.24	6.61	7.46	3.64	0.06	0.18					96.02
				12	141	68	49	18		0.07	70	40	10		50	450	20	140
				50	140	0	0	10	0	20	20	0	0	0	0	10	0	
8437988	GRÖNST	101.650	39.980	51.08	1.28	15.09	11.32	0.13	7.41	5.78	4.46	0.07	0.14					96.94
				36	115	42	42	17		0.03	40	0	12		0	340	20	60
				40	100	0	0	0	10	20	20	0	0	0	0	10	0	
8437990	GRÖNST	101.540	39.920	53.77	1.32	12.78	11.44	0.18	3.70	7.04	3.92	0.06	0.14					94.57
				14	95	14	33	21		0.07	10	30	11		0	370	20	60
				40	90	0	0	10	0	0	0	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437991	GRÖNST	101.450	39.930	44.56	0.69	11.25	10.25	0.17	13.65	8.15	0.64	0.10	0.18					89.86
				43	115	258	47	14		0.00	660	10	26		0	240	20	50
				30	60	0	0	0	0	10	20	0	0	0	0	10	0	
8437992	GRÖNST	101.330	39.950	48.27	1.51	16.31	10.42	0.17	5.28	10.99	4.10	0.12	0.16					97.53
				50	192	66	38	22		0.01	180	50	11		0	380	20	210
				40	110	0	0	0	10	20	40	0	0	10	0	10	0	
8437993	GRÖNST	100.650	39.950	42.99	0.84	14.28	8.25	0.15	7.06	14.03	2.66	0.03	0.12					90.61
				46	140	154	42	31		0.00	290	30	31		0	280	20	130
				30	50	0	0	10	0	20	10	0	10	0	0	10	0	
8437994	GRÖNST	100.740	39.970	46.65	0.94	15.27	9.26	0.16	6.38	12.59	3.67	0.04	0.13					95.31
				40	152	158	44	24		0.01	320	60	16		0	310	20	110
				40	60	0	0	10	10	10	30	0	0	0	0	0	0	
8437999	GRÖNST	98.450	44.460	47.10	1.38	14.96	11.41	0.17	7.33	11.40	3.17	0.04	0.10					97.31
				85	99	92	50	26		0.08	330	40	18		0	350	20	190
				40	80	0	0	10	0	20	40	0	0	0	0	10	0	
8438004	GRÖNST	102.330	31.000	47.91	0.31	23.38	5.90	0.09	4.99	12.38	3.28	0.05	0.03					98.44
				43	83	134	35	23		0.00	100	20	16		0	100	10	160
				20	10	0	0	0	0	20	50	0	0	0	0	10	0	
8438005	GRÖNST	101.480	41.000	46.04	1.87	15.11	14.78	0.21	7.43	8.22	3.10	0.48	0.17					97.69
				105	128	72	58	28		0.11	100	0	18		0	430	20	180
				60	150	0	0	0	10	30	30	0	10	0	0	10	0	
8438007	GRÖNST	97.450	45.000	47.72	1.31	15.17	10.82	0.16	6.73	8.46	4.39	0.32	0.12					95.45
				71	98	71	41	11		0.04	200	30	24		0	370	20	80
				40	30	0	0	10	0	20	50	0	0	10	0	10	0	
8438021	GRÖNST			14	198	18	53	16		0.07			20					
8438022	GRÖNST			22	179	22	56	12		0.00			18					

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438023	GRÖNST				93	69	9	17	28		0.10			30				
8438024	GRÖNST				102	98	15	22	21		0.39			38				
8438025	GRÖNST				163	91	19	20	12		0.11			29				
8438026	GRÖNST				134	90	23	25	9		0.31			35				
8438027	GRÖNST				56	121	93	29	20		0.07			56				
8438028	GRÖNST				19	53	19	10	15		0.04			46				
8438029	GRÖNST				133	95	19	24	24		0.01			25				
8438030	GRÖNST				26	66	28	15	23		0.04			49				
8438031	GRÖNST				184	66	19	14	39		0.54			28				
8438751	GRÖNST	98.140	33.120	56.72	1.35	14.82	10.55	0.25	3.67	4.29	6.29	0.22	0.28					98.57
				10	103	14	20	9	1.3	0.01	20	10			0	270	20	50
				60	110	10	0	0	0	0	100	0	20	10	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438752	GRÖNST	98.220	33.040	49.24	1.98	14.10	12.27	0.22	5.81	10.50	3.52	0.03	0.20					98.05
				57	99	52	56	32	1.5	0.08	60	0			0	400	20	230
				50	150	10	0	0	0	20	30	0	20	0	0	0	0	
8438753	GRÖNST	98.320	33.030	48.11	0.90	18.33	9.19	0.15	7.06	9.58	3.85	0.50	0.07					97.90
				78	71	67	63	27	1.5	0.02	300	10			0	220	20	160
				40	50	0	0	0	0	10	50	0	20	10	0	0	0	
8438754	GRÖNST	98.400	33.030	47.82	1.70	15.29	13.47	0.23	7.85	5.83	4.46	0.07	0.18					97.26
				60	133	55	58	30	1.7	0.40	120	0			0	390	20	260
				60	120	0	10	0	10	10	30	0	10	10	10	0	0	
8438755	GRÖNST	98.450	33.020	49.07	1.72	15.05	12.60	0.28	8.08	6.31	4.04	0.44	0.17					98.64
				182	216	68	55	24	1.3	1.35	160	0			0	340	20	220
				50	130	0	0	0	10	20	50	0	10	10	0	10	0	
8438756	GRÖNST	98.500	33.000	49.69	1.50	13.77	12.77	0.23	8.35	7.01	4.22	0.42	0.13					98.35
				40	80	46	65	26	1.2	0.11	60	0			0	330	20	200
				50	100	0	0	0	10	10	70	0	20	0	0	0	0	
8438757	GRÖNST	98.570	33.010	47.20	1.50	13.98	14.24	0.21	8.68	7.28	3.18	0.46	0.12					97.06
				14	76	54	61	29	1.2	0.02	150	10			60	330	20	330
				50	110	10	0	0	0	20	60	0	20	10	0	0	0	
8438758	GRÖNST	98.640	33.030	51.11	1.14	14.35	11.44	0.17	9.19	5.44	4.49	0.68	0.12					98.32
				11	108	67	65	26	1.1	0.01	290	0			200	290	30	80
				40	90	0	0	0	10	20	70	0	10	10	0	0	0	
8438759	GRÖNST	98.720	33.000	52.41	1.36	14.92	9.77	0.17	8.03	3.91	3.69	0.03	0.14					94.57
				6	82	29	52	21	1.7	0.01	40	20			0	360	20	40
				40	90	0	0	0	0	20	10	0	10	10	0	0	0	
8438760	GRÖNST	98.780	33.000	54.20	1.28	15.13	11.37	0.15	5.58	5.77	5.99	0.05	0.13					99.78
				6	44	36	59	22	1.4	0.02	30	0			10	350	20	60
				40	90	0	0	0	10	10	20	0	0	0	0	10	0	
8438761	GRÖNST	98.840	33.020	51.16	1.07	15.29	10.78	0.11	6.73	8.82	4.56	0.09	0.10					98.85
				12	32	50	62	27	1.5	0.01	60	10			10	310	20	110
				40	70	0	0	0	10	10	30	0	0	0	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8438762	GRÖNST	98.900	32.980	57.17	1.19	13.53	9.54	0.13	6.17	5.63	6.06	0.06	0.11						99.70
				7	45	37	56	21	1.0	0.00	30	0			80	270	20	40	
				30	80	0	0	0	10	20	20	0	0	0	0	10	0		
8438763	GRÖNST	98.970	33.020	49.94	1.25	14.97	11.25	0.13	6.39	9.13	4.38	0.09	0.14						97.79
				7	34	32	61	28	1.1	0.00	30	20			40	370	20	150	
				40	90	0	0	0	0	10	30	0	0	10	0	0	0		
8438764	GRÖNST	99.010	32.970	53.29	1.21	14.61	11.22	0.14	5.78	7.15	5.27	0.07	0.11						98.99
				9	39	33	57	24	1.3	0.01	40	10			20	340	20	80	
				40	80	0	0	0	10	10	30	0	10	10	0	0	0		
8438765	GRÖNST	99.080	33.000	47.23	1.14	16.11	10.98	0.18	9.76	7.47	3.46	0.36	0.09						96.92
				8	53	124	74	28	1.9	0.02	320	0			40	260	20	90	
				40	70	0	0	0	10	20	60	0	0	0	0	0	0		
8438770	GRÖNST	99.380	33.080	47.64	1.30	14.30	12.27	0.12	8.23	10.02	3.18	0.28	0.12						97.65
				9	31	55	67	29	1.1	0.00	320	0			210	290	20	180	
				40	90	10	0	10	0	10	30	0	10	10	0	0	0		
8438776	GRÖNST	99.720	32.980	47.48	1.82	13.93	12.85	0.20	6.81	10.28	3.58	0.10	0.17						97.43
				19	107	50	63	27	1.1	0.01	120	30			100	370	20	200	
				60	130	0	0	0	0	20	10	0	20	20	0	10	0		
8438790	GRÖNST	100.860	33.050	47.88	0.78	16.38	11.09	0.17	7.22	11.34	2.66	0.55	0.28						98.67
				32	83	88	66	35	1.6	0.04	260	20			10	240	30	810	
				30	100	0	0	0	0	10	160	0	50	10	0	20	0		
8438791	GRÖNST	100.890	33.050	47.36	1.03	16.24	8.92	0.14	5.37	10.29	4.96	0.08	0.13						94.71
				44	88	127	58	22	2.0	0.00	280	0			0	280	20	110	
				50	60	0	0	0	10	10	50	0	20	0	0	0	0		
8438792	GRÖNST	100.950	33.070	43.83	0.33	14.76	9.25	0.13	6.72	10.78	2.16	0.28	0.11						89.09
				46	86	112	52	29	1.8	0.03	320	20			0	270	20	120	
				30	60	0	0	0	0	10	80	0	10	10	0	0	0		
8438793	GRÖNST	100.980	33.030	45.17	0.76	15.39	9.02	0.14	7.17	11.81	3.82	0.27	0.12						93.87
				59	84	156	59	25	2.1	0.01	430	0			0	260	20	110	
				40	60	0	0	0	0	20	30	0	0	10	0	0	0		

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8438794	GRÖNST	101.040	33.000	48.26	1.34	15.40	11.28	0.16	6.32	10.35	3.21	0.03	0.15						96.73
				50	94	114	62	27	1.4	0.01	290	0			0	330	20	290	
				40	90	10	0	0	0	30	30	0	0	10	0	10	0		
8438796	GRÖNST	101.200	33.000	46.29	1.05	14.84	11.71	0.21	8.23	10.28	3.48	0.39	0.08						96.82
				45	91	202	65	26	1.5	0.01	540	0			0	330	20	160	
				40	60	0	0	0	10	0	80	0	0	10	0	0	0		
8438798	GRÖNST	101.420	33.020	76.36	0.21	12.26	2.23	0.03	0.48	0.28	5.75	1.08	0.02						98.82
				5	39	0	9	12	0.4	0.02	50	40			0	10	30	30	
				60	210	0	20	0	0	0	260	0	60	30	0	20	0		
8438799	GRÖNST	101.460	32.970	48.41	1.25	15.76	12.34	0.18	7.92	7.39	4.23	0.16	0.12						97.95
				56	104	93	62	30	1.5	0.04	220	10			0	350	20	130	
				40	70	0	0	0	10	10	40	0	0	0	0	0	0		
8438800	GRÖNST	101.560	33.030	45.30	0.91	16.39	10.09	0.16	7.04	9.20	4.25	0.77	0.09						94.47
				74	98	218	73	34	1.5	0.01	530	20			0	300	30	180	
				40	60	0	0	0	10	10	160	0	0	20	0	0	0		
8438801	GRÖNST	101.620	32.960	49.48	0.97	15.46	10.75	0.16	7.88	8.93	4.06	0.18	0.08						98.16
				117	80	92	63	32	1.4	0.01	250	10			0	310	20	310	
				40	60	0	0	0	10	20	70	0	0	0	0	0	0		
8438803	GRÖNST	101.860	33.000	46.75	0.92	15.85	10.32	0.19	7.92	13.66	2.79	0.16	0.08						98.84
				21	127	177	73	36	1.3	0.00	470	10			0	280	20	90	
				30	60	0	0	0	10	20	80	0	0	0	0	0	0		
8438804	GRÖNST	101.960	33.050	50.11	1.10	15.03	10.18	0.16	5.79	10.09	4.45	0.15	0.15						97.40
				63	91	119	62	29	1.1	0.02	260	0			0	330	20	130	
				40	30	0	0	0	0	10	40	0	0	10	0	0	0		
8438805	GRÖNST	102.010	33.040	46.93	0.84	14.10	9.64	0.29	11.75	8.56	1.37	2.76	0.09						96.64
				34	96	168	76	36	1.2	0.02	390	0			60	280	70	110	
				40	60	0	0	10	0	20	1080	0	10	10	0	0	0		
8438806	GRÖNST	102.100	33.000	49.59	1.06	15.49	10.37	0.30	8.04	7.27	4.35	0.22	0.14						97.04
				8	359	164	71	30	1.6	0.00	360	0			0	260	20	70	
				40	80	0	0	10	0	20	70	0	0	0	0	10	0		

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438807	GRÖNST	102.300	33.150	49.40	0.25	16.08	7.49	0.12	10.28	12.28	2.27	0.05	0.02					98.36
				32	45	98	65	34	1.4	0.02	250	40			0	120	20	100
				30	20	0	0	0	0	0	0	0	0	10	0	0	0	
8438808	GRÖNST	102.390	33.160	44.77	0.26	16.60	8.82	0.13	10.30	15.00	1.13	0.02	0.01					97.25
				26	50	150	64	36	1.2	0.02	710	10			60	110	20	180
				20	10	0	0	0	0	10	20	0	0	10	0	0	0	
8438809	GRÖNST	102.470	33.120	51.72	0.87	15.20	10.79	0.19	7.38	7.87	4.67	0.05	0.09					98.98
				23	98	69	67	29	0.8	0.02	200	0			0	270	20	130
				30	60	0	0	0	10	10	30	0	0	10	0	10	0	
8438810	GRÖNST	102.510	33.070	47.80	1.49	15.38	14.85	0.19	4.90	7.52	4.36	0.07	0.17					96.93
				26	116	12	56	36	1.3	0.05	10	10			0	430	20	240
				40	90	10	0	10	10	40	40	0	10	0	0	0	0	
8438811	GRÖNST	102.540	33.040	50.63	1.18	15.13	13.94	0.22	4.48	7.28	4.79	0.14	0.12					98.08
				50	109	13	64	27	1.2	0.03	10	0			0	460	20	170
				40	70	0	0	10	0	10	30	0	0	0	0	0	0	
8438812	GRÖNST	102.580	33.020	51.16	1.26	14.61	11.62	0.20	7.75	6.24	4.77	0.07	0.11					97.97
				17	105	77	75	25	1.4	0.00	330	0			0	290	20	70
				40	90	0	0	0	10	20	30	0	0	0	0	0	0	
8438813	GRÖNST	102.630	32.990	49.40	1.49	15.30	12.41	0.26	8.60	6.41	4.35	0.04	0.12					98.59
				18	190	113	75	30	1.7	0.02	260	10			0	270	20	80
				40	110	0	0	10	10	0	30	0	0	0	0	0	0	
8438814	GRÖNST	102.680	33.000	49.31	1.45	15.21	12.50	0.18	6.42	8.47	4.22	0.18	0.14					98.26
				47	96	62	65	28	1.4	0.03	100	10			0	350	20	290
				50	100	0	0	0	0	10	40	0	10	0	0	0	0	
8438815	GRÖNST	102.730	33.010	51.11	1.38	14.37	11.28	0.18	7.02	8.20	4.33	0.10	0.13					98.30
				102	94	61	65	24	1.2	0.01	280	40			0	280	20	150
				40	100	0	0	0	10	30	50	0	0	0	0	0	0	
8438816	GRÖNST			50.30	1.31	14.99	11.95	0.17	7.46	6.68	4.58	0.26	0.13					98.01
				12	68	49	68	24	1.1	0.01	120	0			30	320	20	200
				40	100	0	0	0	10	20	70	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438817	GRÖNST	98.300	33.500	50.43	1.04	17.05	8.66	0.14	7.10	10.06	4.40	0.05	0.08					99.33
				35	67	87	68	22	0.5	0.31	270	10			0	200	20	100
				30	90	0	0	0	0	30	30	0	0	10	0	0	0	
8438818	GRÖNST	98.360	33.530	52.73	0.35	16.37	9.11	0.23	6.70	7.47	4.81	0.44	0.07					98.92
				28	98	54	69	21	0.8	0.02	270	0			0	220	20	70
				40	50	0	0	0	0	20	90	0	0	0	0	0	0	
8438819	GRÖNST	98.410	33.530	49.99	1.09	14.93	10.99	0.22	9.37	6.48	3.80	0.75	0.08					97.89
				10	106	114	78	23	1.0	0.01	320	20			110	230	30	50
				40	70	0	0	10	0	20	90	0	20	10	0	0	0	
8438820	GRÖNST	98.460	33.500	47.12	1.16	16.09	10.35	0.16	7.97	11.92	3.21	0.07	0.11					98.33
				48	72	99	68	30	1.1	0.01	270	20			0	250	20	130
				40	90	0	0	10	10	30	40	0	0	10	0	10	0	
8438821	GRÖNST	98.490	33.470	49.97	1.13	14.86	10.99	0.16	7.66	8.21	4.52	0.04	0.12					97.89
				61	72	40	67	26	1.2	0.10	170	0			0	270	20	130
				40	80	0	0	0	0	20	20	0	0	20	0	10	0	
8438822	GRÖNST	98.540	33.520	48.63	1.35	15.74	10.97	0.18	7.17	10.58	3.86	0.04	0.11					98.88
				96	94	91	78	25	1.3	0.15	250	0			0	280	20	80
				40	100	0	0	10	0	10	10	0	0	0	0	10	0	
8438823	GRÖNST	98.590	33.500	48.50	1.30	15.61	11.32	0.17	7.08	9.75	3.67	0.28	0.11					97.99
				27	114	82	66	28	0.8	0.02	240	50			0	280	20	90
				40	90	10	0	10	0	20	40	0	0	10	0	0	0	
8438824	GRÖNST	98.630	33.520	49.86	1.58	14.30	12.71	0.20	8.38	6.57	4.56	0.04	0.12					98.51
				103	118	84	69	27	1.5	0.03	260	0			0	310	20	80
				40	110	0	0	0	0	20	10	0	10	0	0	0	0	
8438825	GRÖNST	98.690	33.480	47.23	1.41	17.21	11.38	0.20	6.15	9.89	3.42	0.15	0.12					97.35
				122	105	60	57	29	1.5	0.02	170	30			0	310	20	110
				40	100	0	0	0	10	10	40	0	10	20	0	0	0	
8438826	GRÖNST	98.750	33.500	48.22	1.82	14.22	13.67	0.23	6.36	10.02	3.79	0.06	0.18					98.85
				82	110	73	69	32	0.7	0.16	120	20			70	360	20	120
				50	140	0	0	10	10	20	10	0	0	10	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438827	GRÖNST	98.790	33.500	47.71	1.36	15.29	10.87	0.21	7.56	9.74	2.95	0.04	0.11					96.03
				124	133	98	72	29	1.5	0.02	260	10			20	280	20	80
				40	90	0	0	0	0	20	40	0	0	10	0	0	0	
8438828	GRÖNST	98.880	33.500	50.50	1.31	15.47	10.27	0.18	6.63	10.14	4.25	0.04	0.11					99.15
				71	32	83	67	27	1.1	0.18	230	10			0	260	20	70
				40	90	0	0	10	0	30	10	0	0	0	0	0	0	
8438829	GRÖNST	98.920	33.540	46.67	1.16	15.71	11.34	0.20	8.48	10.36	2.75	0.18	0.10					97.12
				10	127	133	66	28	1.4	0.02	240	20			40	260	20	80
				40	80	0	0	0	10	10	50	0	0	10	0	0	0	
8438830	GRÖNST	98.990	33.500	46.73	1.43	15.58	11.75	0.19	7.92	11.00	3.13	0.06	0.12					98.15
				69	97	103	71	31	1.1	0.12	240	0			0	290	20	80
				50	100	0	0	0	0	10	10	0	0	0	0	0	0	
8438831	GRÖNST	99.060	33.460	47.24	1.20	17.16	10.14	0.19	7.13	9.73	3.61	0.17	0.10					96.95
				87	114	92	69	27	1.5	0.18	190	30			0	240	20	90
				40	90	10	0	10	10	20	30	0	0	10	0	0	0	
8438832	GRÖNST	99.090	33.490	46.64	1.35	16.91	11.32	0.23	7.46	10.21	3.16	0.37	0.12					97.93
				70	127	96	72	25	1.5	0.01	180	0			0	280	20	90
				40	100	0	0	0	0	10	80	0	0	0	0	0	0	
8438833	GRÖNST	99.200	33.520	50.83	1.68	12.38	13.27	0.24	5.99	9.36	4.00	0.08	0.12					98.14
				8	90	55	68	29	0.7	0.02	80	20			180	360	20	170
				50	120	10	0	0	10	10	20	0	10	10	0	10	0	
8438834	GRÖNST	99.240	33.500	50.69	1.49	13.60	10.82	0.15	7.17	11.66	3.43	0.06	0.14					99.37
				8	61	83	67	33	0.8	0.01	200	0			90	310	20	130
				50	110	0	0	0	0	20	40	0	10	0	0	0	0	
8438835	GRÖNST	99.280	33.480	51.67	1.65	18.00	9.15	0.13	5.60	5.35	5.27	0.07	0.16					97.20
				9	79	39	57	25	1.2	0.01	30	10			0	350	10	220
				40	120	0	0	0	0	10	20	0	10	20	0	0	0	
8438836	GRÖNST	99.310	33.500	50.90	1.28	18.39	10.75	0.15	5.61	5.55	5.31	0.05	0.14					98.31
				21	117	53	58	26	1.8	0.04	100	10			0	370	20	230
				40	90	0	0	10	0	0	50	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438838	GRÖNST	99.490	33.520	45.19	1.48	14.49	15.78	0.17	8.12	9.03	2.86	0.07	0.06					97.46
				31	102	27	61	24	1.6	0.01	10	10			0	700	20	180
				30	60	0	0	0	10	20	30	0	10	0	0	10	0	
8438852	GRÖNST	100.530	33.500	47.12	1.12	15.67	10.67	0.15	6.44	10.52	4.40	0.25	0.11					96.70
				54	93	169	71	36	1.2	0.00	350	20			0	280	20	250
				40	70	0	0	10	0	20	70	0	0	10	0	0	0	
8438853	GRÖNST	100.600	33.470	50.37	1.03	15.45	9.94	0.16	5.65	8.03	5.69	0.11	0.16					96.84
				219	277	80	58	189	1.8	0.00	270	0			0	250	20	130
				50	70	0	0	0	0	0	40	0	0	0	0	0	0	
8438856	GRÖNST	100.790	33.520	49.45	1.15	14.16	10.92	0.15	8.93	8.93	3.28	0.07	0.09					97.36
				98	85	139	71	28	1.0	0.08	310	0			0	300	20	120
				40	70	0	0	0	10	10	30	0	10	10	0	0	0	
8438857	GRÖNST	100.850	33.520	46.39	1.11	16.27	7.71	0.13	4.49	11.65	4.91	0.81	0.15					93.82
				42	79	197	78	32	2.2	0.01	340	10			0	310	30	90
				50	70	0	0	0	10	0	60	0	0	0	0	10	0	
8438859	GRÖNST	100.960	33.550	48.66	1.44	14.61	11.25	0.16	7.43	12.48	2.70	0.10	0.18					99.19
				29	77	92	60	33	1.2	0.02	250	10			0	300	20	200
				40	110	0	0	0	0	10	0	0	10	0	0	10	0	
8438860	GRÖNST	101.060	33.570	48.61	1.37	15.48	11.01	0.14	5.69	10.50	4.50	0.10	0.15					97.80
				52	90	130	74	33	1.3	0.03	300	40			0	330	20	190
				40	90	10	10	0	0	20	40	0	10	10	0	0	0	
8438861	GRÖNST	101.120	33.510	45.23	1.18	14.69	10.77	0.17	5.95	12.26	3.27	0.06	0.14					93.93
				25	128	161	57	33	2.1	0.00	350	0			20	330	20	270
				40	90	0	0	0	0	30	0	0	10	0	0	10	0	
8438862	GRÖNST	101.180	33.440	50.60	1.35	15.44	11.24	0.20	10.19	4.52	4.97	0.07	0.15					98.91
				41	124	132	67	30	1.6	0.01	330	0			10	310	10	40
				40	100	0	0	0	10	10	40	0	0	0	0	0	0	
8438863	GRÖNST	101.240	33.490	46.47	1.28	15.01	10.49	0.31	9.68	7.76	4.05	0.22	0.17					95.64
				62	98	126	62	37	2.5	0.00	310	0			0	300	20	150
				40	90	0	0	0	10	20	60	0	10	0	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438864	GRÖNST	101.290	33.500	48.78	1.10	15.96	10.71	0.16	7.65	9.87	3.92	0.10	0.11					98.55
				30	93	137	66	28	1.3	0.03	330	20			0	300	20	110
				40	80	0	10	0	0	40	20	0	10	10	0	0	0	
8438865	GRÖNST	101.370	33.470	49.27	1.00	16.57	11.04	0.21	10.32	5.26	3.75	1.02	0.09					98.75
				9	62	132	66	31	1.4	0.00	370	0			150	320	30	190
				40	60	0	0	0	0	10	220	0	10	0	0	0	0	
8438866	GRÖNST	101.400	33.530	47.33	0.98	15.00	12.27	0.18	10.53	6.89	2.85	0.19	0.08					96.55
				45	98	233	75	31	1.7	0.00	580	10			0	320	20	80
				30	60	0	0	0	0	120	50	0	10	10	0	0	0	
8438867	GRÖNST	101.460	33.500	48.37	1.35	14.99	13.15	0.18	9.89	5.21	4.58	0.14	0.11					98.17
				63	105	79	61	25	1.6	0.03	250	0			0	410	20	50
				40	70	0	0	0	0	10	50	0	0	0	0	10	0	
8438869	GRÖNST	101.590	33.520	48.22	1.16	15.20	9.38	0.15	5.41	12.40	4.81	0.13	0.12					97.20
				43	76	86	57	30	1.4	0.04	210	20			0	340	20	210
				40	60	0	0	0	0	10	40	0	0	0	0	10	0	
8438871	GRÖNST	101.870	33.460	49.54	1.04	15.42	10.18	0.19	8.75	6.75	5.05	0.05	0.09					97.26
				28	99	201	69	30	1.8	0.00	430	0			0	280	20	100
				40	70	0	0	0	0	0	30	0	0	10	10	0	0	
8438872	GRÖNST	101.900	33.540	51.58	1.17	15.49	10.59	0.14	5.67	8.83	4.88	0.32	0.11					98.98
				37	84	83	65	31	1.1	0.00	200	20			0	340	20	80
				40	60	10	0	0	0	10	40	0	10	10	0	10	0	
8438873	GRÖNST	101.950	33.510	48.36	1.27	16.03	12.25	0.17	8.00	7.59	4.43	0.22	0.12					98.68
				30	98	88	66	36	1.4	0.30	220	0			0	370	20	430
				40	70	0	0	0	10	20	80	0	0	0	0	0	0	
8438874	GRÖNST	101.990	33.500	49.94	1.25	15.53	10.54	0.15	6.35	7.08	5.45	0.10	0.12					96.68
				35	91	83	60	31	1.5	0.03	230	10			0	340	20	110
				40	60	0	0	0	0	20	40	0	20	10	0	0	0	
8438875	GRÖNST	102.020	33.420	48.97	1.18	15.34	10.79	0.17	6.87	9.34	4.75	0.12	0.12					97.90
				41	101	84	66	33	1.3	0.11	220	10			0	350	20	190
				40	60	0	0	0	10	10	40	0	20	10	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438876	GRÖNST	102.070	33.330	48.10	1.12	15.05	11.01	0.15	6.46	10.05	4.15	0.59	0.12					96.98
				53	89	81	61	35	1.5	0.01	210	10			0	330	20	140
				40	60	0	0	0	0	10	40	0	0	0	0	0	0	
8438877	GRÖNST	102.150	33.510	49.28	1.15	14.89	10.31	0.20	8.09	9.18	2.61	1.79	0.12					97.85
				0	84	117	65	41	1.0	0.01	280	20			30	340	40	190
				50	80	0	0	0	0	10	260	0	10	10	0	0	0	
8438878	GRÖNST	102.190	33.480	48.68	1.10	15.63	9.74	0.16	5.26	10.29	5.32	0.43	0.14					96.94
				34	90	127	62	36	1.8	0.03	290	0			0	320	20	110
				40	80	0	0	0	0	20	50	0	0	0	0	0	0	
8438879	GRÖNST	102.230	33.490	50.13	1.22	16.44	7.42	0.22	9.51	6.59	2.59	3.55	0.16					98.06
				8	212	130	56	32	0.9	0.00	360	0			0	340	80	20
				50	80	0	0	0	10	0	330	0	0	10	0	0	0	
8438880	GRÖNST	102.330	33.580	51.53	1.20	15.86	10.17	0.19	7.03	8.44	4.65	0.07	0.10					99.49
				39	97	74	66	31	1.1	0.12	320	10			0	260	20	140
				40	90	0	0	0	10	20	30	0	0	10	0	0	0	
8438881	GRÖNST	102.390	33.530	48.21	1.55	15.43	12.50	0.17	7.06	8.39	4.24	0.03	0.15					98.02
				136	102	70	74	34	1.7	0.18	160	20			0	330	20	110
				40	120	10	0	10	10	10	20	0	0	0	0	0	0	
8438882	GRÖNST	102.440	33.520	49.03	1.34	15.10	11.45	0.17	8.62	7.14	3.92	0.04	0.11					97.07
				86	97	99	73	32	1.5	0.00	250	10			0	270	20	60
				40	100	0	0	0	10	20	20	0	0	0	0	0	0	
8438883	GRÖNST	102.480	33.490	48.09	1.32	16.28	12.02	0.24	8.58	7.11	4.15	0.05	0.11					98.16
				49	194	93	70	31	1.7	0.05	270	20			0	260	20	60
				40	90	0	0	10	10	0	30	0	0	0	0	0	0	
8438884	GRÖNST	102.580	33.500	51.49	1.43	14.87	13.44	0.19	6.28	4.89	5.40	0.06	0.11					98.31
				14	137	82	64	30	1.7	0.01	180	0			0	360	10	50
				40	80	0	0	0	0	10	10	0	10	0	0	0	0	
8438885	GRÖNST	102.660	33.500	47.72	1.15	16.10	10.52	0.19	7.89	8.59	4.27	0.08	0.11					96.81
				65	90	105	72	34	2.3	0.01	290	30			0	250	20	90
				40	90	10	0	0	0	10	20	0	10	10	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438886	GRÖNST	102.730	33.500	52.71	1.42	14.33	10.59	0.14	3.71	8.72	6.43	0.12	0.17					98.63
				37	78	30	50	31	1.3	0.22	20	40			0	400	20	120
				40	110	0	0	0	0	20	50	0	0	0	0	0	0	
8438887	GRÖNST	98.180	33.790	50.09	0.62	19.25	10.01	0.15	4.74	8.86	3.50	0.51	0.08					97.99
				51	93	36	58	28	1.2	0.00	80	30			0	280	30	210
				30	30	10	0	0	0	20	90	0	10	10	0	0	0	
8438888	GRÖNST	98.250	33.830	47.17	1.08	15.12	11.34	0.14	10.10	8.83	1.66	0.66	0.11					96.45
				38	90	172	74	37	1.3	0.00	400	0			0	320	30	270
				40	70	0	0	0	0	10	40	0	0	0	0	10	0	
8438889	GRÖNST	98.300	33.830	48.12	1.03	15.48	9.61	0.13	7.67	8.59	3.33	0.62	0.14					95.01
				53	88	169	73	26	1.8	0.06	350	40			0	310	20	130
				40	70	0	0	0	0	20	60	0	0	10	0	0	0	
8438890	GRÖNST	98.420	33.850	48.68	1.15	15.17	12.41	0.21	8.75	7.38	3.28	0.55	0.11					97.87
				75	92	142	73	35	0.9	0.01	320	10			0	320	20	120
				40	70	0	0	10	10	10	60	0	10	0	0	0	0	
8438891	GRÖNST	98.460	33.930	47.44	1.04	13.58	10.49	0.16	7.85	10.87	3.32	0.23	0.12					95.38
				98	79	127	61	39	1.1	0.02	270	20			0	280	20	100
				40	70	0	0	0	0	20	30	0	0	10	0	10	0	
8438892	GRÖNST	98.550	33.800	46.93	1.41	15.78	11.14	0.18	7.09	11.79	3.33	0.09	0.12					98.04
				74	84	95	71	34	1.0	0.02	240	10			0	300	20	100
				40	100	0	0	0	10	10	30	0	10	20	0	0	0	
8438893	GRÖNST	98.590	33.830	47.80	1.44	15.02	11.13	0.18	7.39	10.07	3.97	0.05	0.13					97.48
				79	92	94	74	34	1.4	0.08	240	10			0	300	20	230
				40	110	0	0	10	10	10	40	0	0	10	0	0	0	
8438894	GRÖNST	98.690	33.850	53.50	1.18	15.76	10.54	0.17	5.05	6.90	5.66	0.06	0.13					99.14
				64	84	109	73	28	1.3	0.03	90	10			0	290	20	160
				40	90	0	10	0	0	10	40	0	20	10	0	10	0	
8438895	GRÖNST	98.710	33.880	43.87	1.26	16.49	10.88	0.18	8.67	5.74	3.42	1.85	0.11					97.72
				91	78	43	62	33	0.9	0.05	240	0			0	290	40	70
				50	90	0	0	0	0	10	810	0	30	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438896	GRÖNST	98.810	33.940	50.50	1.26	15.82	13.93	0.19	4.94	6.20	5.14	0.05	0.14					98.31
				20	123	18	63	28	1.0	0.00	10	20			0	380	20	170
				40	30	0	0	0	10	20	40	0	0	0	0	0	0	
8438897	GRÖNST	98.880	33.930	48.38	1.48	15.63	12.15	0.19	6.90	9.73	4.87	0.03	0.15					99.77
				80	110	67	75	24	1.1	0.14	230	10			0	320	20	100
				50	120	0	0	0	0	10	30	0	10	0	0	0	0	
8438898	GRÖNST	99.000	33.990	47.66	1.97	14.49	14.84	0.22	6.81	8.33	4.60	0.06	0.20					99.44
				108	115	55	78	37	1.7	0.08	90	10			0	410	20	70
				60	150	10	0	10	0	20	20	0	0	0	0	0	0	
8438899	GRÖNST	99.060	34.120	48.38	1.12	16.53	10.41	0.19	8.57	8.62	3.85	0.10	0.09					98.01
				8	74	130	75	27	1.3	0.00	240	0			0	240	20	110
				40	70	0	0	0	10	20	20	0	10	10	0	0	0	
8438900	GRÖNST	99.130	33.970	49.23	1.26	15.23	12.24	0.23	7.14	9.15	4.28	0.05	0.11					99.11
				28	113	77	74	34	1.0	0.03	290	0			100	280	20	130
				40	90	0	0	0	10	20	30	0	20	0	0	0	0	
8438901	GRÖNST	99.290	33.940	48.29	1.00	19.01	8.85	0.19	6.08	9.42	3.49	1.20	0.08					97.76
				10	99	53	63	28	0.7	0.01	140	30			40	220	30	150
				30	60	10	0	10	10	20	100	0	0	10	0	0	0	
8438902	GRÖNST	99.350	34.070	47.68	0.57	19.24	8.15	0.18	8.09	9.31	3.94	0.34	0.04					97.77
				14	147	90	80	29	1.3	0.00	830	10			0	160	20	170
				30	40	0	0	0	10	0	50	0	0	0	0	0	0	
8438903	GRÖNST	99.440	34.000	49.52	0.74	20.20	7.01	0.11	5.40	11.50	3.99	0.55	0.06					99.25
				6	40	56	58	29	0.6	0.00	250	20			30	170	20	270
				30	60	10	0	10	0	10	50	0	0	10	0	0	0	
8438904	GRÖNST	99.790	34.020	47.98	0.88	16.65	10.51	0.10	6.44	8.32	2.04	2.39	0.12					95.62
				45	83	113	71	35	1.3	0.00	300	0			0	330	40	110
				50	50	0	0	0	10	10	110	0	0	0	0	0	0	
8438905	GRÖNST	99.840	34.000	48.64	0.96	16.22	11.02	0.14	7.56	8.09	4.02	0.06	0.09					97.00
				48	93	85	73	26	1.3	0.02	220	30			0	330	20	130
				30	50	0	0	0	10	10	20	0	10	20	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8438906	GRÖNST	99.890	34.000	47.04	0.92	16.23	11.41	0.12	7.07	8.41	0.98	1.97	0.11						94.50
				61	93	167	80	28	1.1	0.00	360	20			0	330	40	220	
				40	50	0	0	0	10	10	130	0	0	0	0	0	0		
8438907	GRÖNST	99.930	34.000	57.02	0.65	13.74	7.55	0.11	7.72	6.36	5.69	0.19	0.15						99.40
				45	66	215	56	24	0.6	0.00	540	30			10	160	20	80	
				30	100	10	0	0	0	0	40	0	30	10	0	10	0		
8438908	GRÖNST	100.020	33.950	49.29	0.82	14.68	9.74	0.13	5.63	10.82	3.01	0.97	0.09						95.42
				53	70	94	61	28	1.1	0.09	240	50			0	280	30	170	
				40	50	0	0	0	0	10	60	0	0	0	0	10	0		
8438913	GRÖNST	100.440	33.990	46.50	0.79	15.11	9.42	0.14	5.30	12.77	3.56	0.42	0.08						94.31
				33	74	103	61	40	0.9	0.00	200	30			0	290	20	150	
				30	40	0	0	0	0	10	70	0	10	20	0	0	0		
8438914	GRÖNST	100.500	33.940	45.54	1.77	15.92	12.05	0.17	7.94	9.55	3.09	0.31	0.19						96.76
				38	102	113	68	37	1.1	0.00	260	10			0	370	20	120	
				50	140	0	0	0	0	20	40	0	0	0	0	0	0		
8438915	GRÖNST	100.610	33.970	48.22	0.94	15.89	11.01	0.14	7.65	9.72	3.29	0.05	0.09						97.22
				52	93	105	67	44	0.8	0.04	240	0			0	310	20	110	
				40	60	0	0	0	0	10	30	0	10	10	0	10	0		
8438917	GRÖNST	100.840	33.920	47.35	1.12	15.63	8.91	0.12	4.23	11.03	4.37	0.79	0.13						93.89
				33	76	157	66	39	2.2	0.00	320	40			0	300	30	130	
				50	80	0	0	0	10	10	60	0	0	10	0	10	0		
8438918	GRÖNST	100.910	33.900	40.63	1.23	17.30	12.18	0.15	11.11	6.90	0.84	2.24	0.16						92.98
				46	162	207	86	44	1.1	0.00	410	0			0	320	50	50	
				60	80	0	0	0	0	0	230	0	20	10	0	0	0		
8438919	GRÖNST	101.040	33.930	46.74	1.01	15.13	10.39	0.15	7.86	10.41	3.80	0.05	0.11						95.87
				33	79	162	65	40	1.0	0.00	340	20			0	280	20	170	
				40	60	0	0	0	10	20	40	0	0	30	0	0	0		
8438921	GRÖNST	101.380	34.010	50.25	1.22	17.30	10.89	0.12	4.21	6.00	6.71	0.03	0.22						97.11
				4	91	85	62	29	1.3	0.00	220	10			0	250	20	110	
				50	80	0	0	0	10	20	0	0	20	20	0	10	0		

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438922	GRÖNST	101.460	33.990	48.02	1.05	15.57	10.85	0.16	6.87	9.41	4.83	0.03	0.11					97.18
				62	94	150	71	37	1.2	0.01	320	0			0	290	20	100
				40	60	0	0	0	0	30	40	0	0	10	0	0	0	
8438923	GRÖNST	101.640	33.910	46.83	1.08	14.89	10.47	0.15	5.95	13.10	3.38	0.05	0.12					96.23
				42	110	180	70	38	1.4	0.00	370	0			0	290	20	190
				40	70	0	0	10	10	10	20	0	0	0	0	10	0	
8438924	GRÖNST	101.710	33.960	44.42	1.22	16.99	10.88	0.14	7.17	10.62	2.80	0.32	0.14					94.94
				36	100	186	80	40	1.2	0.00	390	40			0	340	20	170
				40	80	0	0	0	10	20	40	0	20	10	0	10	0	
8438925	GRÖNST	101.760	33.990	48.54	1.19	16.14	10.49	0.15	6.42	8.95	4.13	0.34	0.14					96.68
				56	100	99	70	37	0.7	0.01	220	0			0	330	20	160
				40	30	0	0	0	0	10	40	0	20	10	0	0	0	
8438926	GRÖNST	101.860	33.980	47.92	1.17	14.96	11.18	0.14	7.72	10.23	3.26	0.40	0.14					97.33
				54	90	104	66	39	0.7	0.02	240	30			0	330	20	170
				40	80	10	0	0	10	30	40	0	20	10	0	0	0	
8438927	GRÖNST	101.910	33.990	46.86	1.38	13.69	12.98	0.16	9.85	9.97	1.74	0.15	0.11					97.20
				41	98	92	69	38	0.9	0.44	180	10			0	410	20	190
				40	70	0	0	0	10	10	50	0	10	20	0	0	0	
8438928	GRÖNST	101.930	34.000	44.64	0.96	12.45	12.88	0.22	14.12	7.14	1.27	0.61	0.08					94.73
				39	94	461	91	42	1.4	0.01	1120	0			10	300	30	50
				40	50	0	0	0	0	10	80	0	10	10	0	0	0	
8438929	GRÖNST	101.970	34.000	44.80	1.20	15.45	10.98	0.17	6.99	9.35	5.07	0.15	0.12					94.48
				54	90	81	60	40	1.6	0.01	230	0			0	340	20	80
				40	70	0	0	0	0	10	40	0	20	0	0	0	0	
8438930	GRÖNST	102.050	34.020	51.94	1.25	15.68	8.78	0.16	4.41	9.93	5.67	0.42	0.10					98.64
				171	353	94	68	83	1.2	0.14	220	20			0	330	30	100
				40	70	0	0	0	10	20	50	0	0	10	0	0	0	
8438933	GRÖNST	102.160	34.020	52.96	1.43	13.73	11.52	0.15	4.79	7.20	5.77	0.16	0.14					98.03
				35	96	32	59	29	1.9	0.04	120	0			0	330	20	90
				40	100	0	0	0	0	30	40	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8438934	GRÖNST	102.230	34.010	52.33	1.34	14.14	11.92	0.17	6.48	5.09	5.26	0.14	0.12						97.21
				55	119	46	72	30	1.3	0.06	220	10			0	280	20	60	
				40	100	10	0	0	0	10	30	0	10	0	0	0	0		
8438935	GRÖNST	102.290	34.010	50.94	1.40	14.72	11.58	0.17	6.07	6.44	5.21	0.18	0.15						97.05
				58	96	52	73	26	1.4	0.08	50	0			0	340	20	60	
				40	100	0	0	0	0	10	40	0	0	10	0	0	0		
8438936	GRÖNST	102.350	34.010	51.71	1.22	13.85	10.38	0.17	6.48	7.34	5.32	0.26	0.12						97.02
				59	91	50	62	33	1.1	0.05	90	10			0	300	20	80	
				40	90	10	0	10	0	20	30	0	0	10	0	0	0		
8438937	GRÖNST	102.430	34.020	46.50	1.38	16.74	11.22	0.17	6.76	10.17	3.38	0.11	0.13						96.75
				35	90	124	72	37	1.2	0.00	230	20			0	270	20	230	
				60	90	0	40	0	10	10	40	0	0	0	10	0	0		
8438938	GRÖNST	102.550	34.030	47.39	1.42	14.97	11.84	0.19	7.10	10.15	3.35	0.14	0.13						96.86
				31	91	57	74	34	1.1	0.01	250	30			0	280	20	190	
				40	110	10	0	10	10	20	20	0	10	10	0	0	0		
3438939	GRÖNST	102.630	34.000	52.06	1.70	14.92	12.28	0.17	4.90	6.74	5.53	0.09	0.29						98.86
				44	107	26	59	36	1.0	0.04	30	10			0	360	20	120	
				70	220	10	0	0	10	20	20	0	10	0	0	0	0		
8438940	GRÖNST	102.670	34.030	47.22	1.61	14.89	13.57	0.18	6.48	8.71	4.22	0.13	0.17						97.40
				57	108	43	70	32	1.1	0.11	70	10			0	380	20	100	
				40	120	10	0	0	0	10	40	0	0	10	0	0	0		
8438941	GRÖNST	98.350	34.470	52.26	0.60	17.56	9.31	0.11	4.75	7.85	3.68	0.59	0.08						96.96
				57	38	33	53	31	1.1	0.04	90	0			0	230	20	460	
				30	40	0	0	0	0	20	60	0	0	0	0	0	0		
8438942	GRÖNST	98.400	34.460	49.04	0.74	17.43	9.95	0.14	5.55	8.46	3.72	0.96	0.10						96.32
				59	94	65	66	33	1.1	0.03	170	30			0	280	30	320	
				30	50	0	0	0	0	10	130	0	0	0	0	10	0		
8438943	GRÖNST	98.450	34.420	44.57	1.20	15.00	12.12	0.21	9.39	10.05	2.20	0.51	0.15						95.65
				55	90	207	78	39	0.9	0.04	470	0			0	300	30	250	
				40	90	10	0	10	10	10	80	0	0	10	0	0	0		

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438944	GRÖNST	98.540	34.500	45.01	1.14	16.42	12.18	0.16	6.30	8.85	3.30	0.89	0.13					94.61
				57	96	78	76	26	1.5	0.02	220	30			0	350	30	270
				40	70	10	0	0	0	10	40	0	10	10	0	10	0	
8438945	GRÖNST	98.600	34.510	45.90	1.11	16.59	13.70	0.24	7.17	7.79	1.99	0.46	0.22					95.41
				118	130	68	80	40	1.5	0.23	150	20			0	360	30	440
				40	70	10	0	10	0	0	100	0	20	0	0	10	0	
8438946	GRÖNST	98.730	34.480	44.49	1.17	16.10	11.37	0.14	7.23	7.12	3.25	0.99	0.12					92.15
				22	104	124	76	32	2.1	0.00	300	0			0	340	30	70
				40	70	0	0	0	0	30	40	0	10	0	0	0	0	
8438947	GRÖNST	98.780	34.490	45.08	0.96	14.45	9.61	0.15	6.06	10.98	4.89	0.26	0.11					92.75
				70	37	138	76	32	1.5	0.06	320	0			0	250	20	60
				40	60	0	0	0	0	10	20	0	0	0	0	0	0	
8438948	GRÖNST	98.810	34.470	45.59	1.47	14.43	11.44	0.17	8.84	10.80	2.24	0.40	0.16					95.78
				20	36	183	54	41	0.7	0.00	470	70			0	340	20	300
				40	110	10	0	0	10	10	50	0	0	0	0	0	0	
8438949	GRÖNST	98.960	34.550	49.58	1.05	16.26	10.17	0.15	6.25	7.05	5.44	0.07	0.13					96.31
				57	96	139	76	30	1.2	0.02	280	0			0	290	20	100
				40	70	0	0	0	10	20	10	0	10	0	0	0	0	
8438950	GRÖNST	99.040	34.500	43.32	1.38	17.77	14.90	0.21	10.30	3.69	0.91	2.62	0.10					95.41
				75	116	75	83	30	1.9	0.00	270	0			0	410	60	50
				50	80	0	0	0	0	10	140	0	0	20	0	0	0	
8438951	GRÖNST	99.090	34.540	50.75	1.13	14.32	10.18	0.14	5.50	11.09	3.59	0.09	0.10					97.11
				55	76	83	57	33	0.9	0.02	200	20			0	320	20	400
				40	60	0	0	0	0	10	30	0	0	0	0	0	0	
8438952	GRÖNST	99.120	34.470	47.33	1.23	15.24	11.95	0.17	7.14	8.68	4.39	0.06	0.16					96.59
				63	98	85	67	36	1.2	0.05	190	10			0	320	20	200
				40	70	0	0	0	0	20	30	0	10	0	0	0	0	
8438953	GRÖNST	99.320	34.550	49.43	1.17	15.63	11.74	0.19	5.32	7.40	5.09	0.18	0.11					96.44
				56	110	126	73	31	1.3	0.02	270	20			0	350	20	70
				40	60	0	0	0	10	10	40	0	10	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438954	GRÖNST	99.370	34.540	47.95	0.91	15.66	11.39	0.19	5.76	9.67	4.44	0.17	0.10					96.46
				52	103	164	72	33	1.4	0.00	360	10			0	300	20	100
				40	50	0	0	0	10	20	20	0	10	10	0	0	0	
8438955	GRÖNST	99.390	34.510	48.76	0.93	15.63	11.60	0.15	7.99	8.06	3.96	0.10	0.11					97.45
				28	89	158	73	34	1.3	0.00	380	0			0	300	20	50
				40	40	0	0	0	10	20	40	0	0	0	0	0	0	
8438956	GRÖNST	99.760	34.710	50.79	1.87	16.01	10.48	0.13	5.92	6.33	5.18	0.05	0.19					97.18
				36	147	89	71	41	1.2	0.31	120	40			0	350	20	110
				50	170	10	0	0	10	20	20	0	0	10	0	10	0	
8438957	GRÖNST	99.810	34.640	48.47	1.58	15.05	11.81	0.20	6.91	9.60	3.25	0.70	0.16					97.93
				45	91	76	66	37	1.0	0.05	180	10			0	340	30	120
				50	110	0	0	10	10	30	90	0	10	10	0	10	0	
8438958	GRÖNST	100.020	34.670	49.58	1.13	14.65	11.12	0.15	8.00	7.24	4.24	0.06	0.12					96.46
				69	90	51	66	37	1.1	0.03	100	0			0	290	20	220
				40	80	10	0	0	0	0	40	0	0	10	0	0	0	
8438959	GRÖNST	100.100	34.690	49.02	1.39	14.59	10.52	0.29	7.00	9.88	3.85	0.05	0.12					96.94
				503	304	91	72	34	1.3	0.00	200	0			0	280	20	140
				40	100	0	0	0	10	10	30	0	0	0	0	10	0	
8438960	GRÖNST	100.250	34.590	52.17	1.36	13.79	9.21	0.14	8.34	7.68	4.72	0.05	0.14					97.75
				5	56	46	53	28	0.6	0.11	70	10			10	330	20	130
				40	100	10	0	0	10	20	20	0	10	0	0	0	0	
8438961	GRÖNST	100.330	34.750	48.96	1.46	13.89	12.35	0.22	7.72	7.53	3.89	0.50	0.12					96.81
				31	147	39	59	32	0.8	0.02	80	10			40	330	20	90
				50	110	0	0	10	0	10	40	0	10	0	0	10	0	
8438962	GRÖNST	100.450	34.680	52.87	1.33	14.28	9.68	0.12	6.03	8.96	5.04	0.06	0.14					98.63
				7	80	61	59	31	0.5	0.00	160	0			20	300	20	130
				40	90	0	0	10	0	20	20	0	0	0	0	0	0	
8438963	GRÖNST	100.530	34.530	49.85	1.42	13.46	10.78	0.18	9.52	6.03	4.01	0.43	0.11					95.95
				15	126	95	68	34	0.9	0.01	200	0			80	300	20	40
				40	100	0	0	0	10	20	40	0	10	10	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438964	GRÖNST	100.770	34.520	49.98	1.03	16.01	10.32	0.18	9.10	4.88	4.60	0.73	0.11					97.10
				5	53	69	63	33	1.0	0.00	250	0			230	230	20	140
				30	80	0	0	10	10	10	50	0	0	0	0	10	0	
8438969	GRÖNST	101.100	34.560	45.77	0.62	16.02	9.04	0.14	9.15	11.19	2.47	0.17	0.03					94.80
				85	65	194	75	40	0.8	0.01	560	10			0	210	20	100
				30	20	0	0	0	0	0	40	0	0	10	0	0	0	
8438975	GRÖNST	101.480	34.510	48.33	0.79	16.68	7.91	0.14	9.21	10.25	3.35	0.26	0.09					97.19
				80	69	146	63	38	1.0	0.01	450	0			0	180	20	100
				30	60	0	0	0	0	10	40	0	0	0	0	0	0	
8438976	GRÖNST	101.510	34.480	49.31	0.41	20.01	4.48	0.09	7.25	13.79	2.70	0.68	0.02					98.82
				8	42	63	48	37	0.5	0.01	100	0			30	110	30	140
				30	30	0	0	0	0	0	60	0	0	0	0	0	0	
8438977	GRÖNST	101.600	34.540	49.60	0.53	18.21	6.56	0.11	6.96	13.59	3.00	0.24	0.05					98.98
				20	41	96	49	40	0.5	0.02	230	10			20	130	20	240
				30	50	0	0	10	10	10	30	0	10	10	0	0	0	
8438978	GRÖNST	101.760	34.550	56.35	1.10	13.83	10.72	0.13	3.63	5.65	4.62	0.10	0.12					96.41
				50	94	16	49	27	1.3	0.00	20	0			0	400	20	100
				40	60	0	0	0	0	20	40	0	0	0	0	0	0	
8438979	GRÖNST	101.820	34.570	44.56	1.24	13.99	12.21	0.19	9.49	10.54	2.21	0.04	0.08					94.79
				49	93	140	74	39	1.1	0.02	320	10			0	360	20	210
				40	60	0	0	10	10	40	20	0	0	0	0	0	0	
8438980	GRÖNST	101.940	34.470	48.64	0.91	16.25	11.78	0.13	6.06	8.89	2.49	0.01	0.07					95.41
				44	96	94	66	34	1.5	0.01	210	10			0	330	20	150
				30	50	0	0	10	10	0	20	0	10	10	0	10	0	
8438981	GRÖNST	101.980	34.480	47.58	1.16	17.87	12.25	0.12	5.85	7.09	3.42	1.46	0.17					97.16
				8	118	80	74	32	1.8	0.00	280	10			0	300	40	210
				60	30	0	0	10	10	10	80	0	10	0	0	10	0	
8438982	GRÖNST	102.040	34.480	48.92	1.31	18.00	10.69	0.10	4.29	6.44	2.66	2.55	0.21					95.39
				13	101	97	75	26	1.7	0.01	310	0			0	340	60	130
				60	80	0	0	0	10	10	160	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438984	GRÖNST	102.160	34.520	48.15	1.70	15.03	14.84	0.23	5.69	4.87	4.28	0.07	0.17					95.22
				16	132	16	70	35	1.6	0.06	10	0			0	380	20	80
				50	120	10	0	0	10	10	40	0	20	0	0	10	0	
8438985	GRÖNST	102.240	34.540	51.95	1.24	13.99	10.52	0.14	6.37	7.32	5.04	0.09	0.14					96.94
				74	31	52	66	31	1.0	0.00	80	0			0	290	20	50
				40	90	0	0	10	10	20	20	0	10	0	0	0	0	
8438986	GRÖNST	102.280	34.510	51.08	1.08	13.57	9.97	0.17	6.25	8.39	5.14	0.27	0.10					96.19
				74	82	54	63	31	1.1	0.05	90	0			0	270	20	70
				30	80	0	0	10	0	10	50	0	0	10	0	0	0	
8438987	GRÖNST	102.330	34.500	50.62	1.30	15.04	13.27	0.16	5.49	6.51	4.95	0.39	0.14					98.02
				33	99	29	62	24	1.1	0.00	30	0			0	390	30	110
				40	80	0	0	10	10	0	60	0	0	0	0	0	0	
8438988	GRÖNST	102.540	34.490	44.43	1.08	15.87	9.85	0.18	7.37	11.60	3.00	0.81	0.09					94.44
				76	75	95	74	28	1.3	0.00	310	10			0	230	30	110
				40	80	0	0	10	0	10	90	0	0	0	0	0	0	
8438989	GRÖNST	102.680	34.510	46.62	1.15	15.29	10.28	0.16	7.40	11.58	2.94	0.21	0.11					95.92
				86	74	102	72	30	1.0	0.00	290	30			0	250	20	220
				40	90	0	0	0	0	20	40	0	0	0	0	0	0	
8438990	GRÖNST	102.750	34.470	46.42	0.91	14.63	9.29	0.15	5.23	14.88	1.77	0.06	0.14					94.07
				101	137	114	65	31	1.3	0.70	240	20			0	320	20	150
				40	60	0	0	0	0	0	20	0	10	0	0	10	0	
8438991	GRÖNST	98.860	34.900	46.68	0.89	15.57	10.68	0.16	7.91	12.95	2.06	0.27	0.06					97.43
				42	95	132	72	25	0.8	0.00	330	40			0	280	20	180
				30	40	0	0	0	0	20	50	0	0	0	0	10	0	
8438992	GRÖNST	98.920	34.960	47.92	1.23	15.96	12.21	0.16	9.39	6.23	4.22	0.04	0.13					97.71
				52	102	65	66	24	1.2	0.00	370	0			0	310	20	130
				40	80	0	0	10	10	20	30	0	0	0	0	0	0	
8438993	GRÖNST	99.020	35.000	47.79	1.30	15.50	11.07	0.16	6.35	7.86	4.95	0.18	0.13					95.48
				63	95	72	68	23	1.2	0.01	280	0			0	350	20	120
				40	80	0	0	0	10	30	30	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438994	GRÖNST	99.090	34.990	46.79	1.29	15.80	10.89	0.16	6.05	8.69	3.86	0.21	0.14					94.02
				36	90	78	74	34	1.2	0.01	220	10			0	340	20	110
				40	90	0	0	10	0	30	20	0	0	0	0	0	0	
8438995	GRÖNST	99.110	34.920	51.37	1.16	14.53	10.59	0.16	7.82	5.75	4.97	0.10	0.12					96.75
				48	85	59	66	30	1.2	0.05	200	0			0	280	20	50
				40	60	0	0	0	0	20	30	0	0	0	0	0	0	
8438996	GRÖNST	99.190	35.060	45.00	1.28	16.28	12.21	0.17	8.01	8.28	3.42	0.43	0.13					95.42
				59	89	119	70	32	1.1	0.01	210	0			0	380	20	290
				40	70	0	0	0	0	10	40	0	20	0	0	0	0	
8438997	GRÖNST	99.250	35.070	45.24	1.03	16.07	11.74	0.13	6.90	9.98	2.60	0.28	0.17					94.34
				31	52	11	32	16	0.9	0.02	190	0			0	360	20	220
				40	60	0	0	0	10	20	50	0	0	10	0	0	0	
8438998	GRÖNST	99.330	35.000	46.46	1.19	15.44	10.69	0.16	7.46	9.25	2.76	0.24	0.10					93.95
				40	86	131	68	34	1.2	0.01	280	0			0	310	20	130
				40	70	0	0	0	0	20	40	0	0	0	0	0	0	
8438999	GRÖNST	99.510	34.930	60.44	1.33	18.19	4.93	0.04	1.01	5.90	5.89	1.13	0.31					99.63
				59	79	149	70	33	0.7	0.54	50	10			0	380	30	150
				50	80	0	0	0	10	0	90	0	10	10	0	0	0	
8439000	GRÖNST	99.600	35.010	48.21	0.85	14.76	10.78	0.18	8.21	7.30	4.38	0.05	0.11					94.99
				55	100	160	73	25	1.5	0.00	330	0			0	250	20	80
				30	50	0	0	0	10	10	30	0	0	0	10	0	0	
8439026	GRÖNST	99.730	35.010	54.24	0.68	15.50	7.75	0.13	6.74	7.54	5.34	0.70	0.17					99.04
				56	92	146	33	14		0.01	490	0			40	190	30	370
				40	90	10	0	0	10	10	210	0	20	0	10	20	0	
8439027	GRÖNST	99.780	35.000	47.85	1.50	16.36	10.24	0.16	7.87	12.56	2.41	0.19	0.14					99.50
				73	104	119	39	10		0.00	300	20			0	310	20	190
				50	120	10	0	10	0	10	50	0	0	0	0	10	0	
8439028	GRÖNST	99.870	34.950	52.83	1.39	16.03	12.62	0.09	6.70	4.42	5.34	0.09	0.19					99.88
				47	111	37	34	11		0.11	20	0			0	380	20	90
				50	100	0	0	0	10	10	20	0	0	0	10	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439029	GRÖNST	99.920	35.020	46.60	1.40	15.38	14.70	0.13	8.35	7.14	3.13	0.34	0.13					97.51
				55	113	47	43	11		0.07	40	0			0	390	30	110
				50	100	0	0	0	10	10	70	0	0	10	10	10	0	
8439030	GRÖNST	100.000	35.000	49.59	1.28	15.00	12.27	0.16	7.67	7.60	4.43	0.16	0.14					98.50
				57	100	57	43	8		0.06	70	0			0	360	20	150
				40	90	0	0	0	10	20	40	0	0	0	0	10	0	
8439031	GRÖNST	100.040	35.020	49.38	1.83	14.34	13.50	0.20	6.90	8.69	4.03	0.07	0.18					99.38
				62	125	56	48	9		0.07	110	0			0	420	20	190
				60	130	0	0	0	0	20	40	0	10	0	0	10	0	
8439032	GRÖNST	100.110	35.020	52.48	1.41	14.83	9.99	0.22	7.54	7.30	4.90	0.12	0.13					99.13
				7	71	87	24	13		0.06	220	0			0	330	20	170
				50	100	0	10	0	0	20	20	0	0	0	0	10	0	
8439033	GRÖNST	100.150	34.970	49.21	1.70	15.20	13.05	0.19	6.92	7.73	4.43	0.05	0.16					99.03
				17	93	72	52	15		0.41	90	0			10	400	20	90
				50	120	10	0	10	10	40	0	0	10	0	0	10	0	
8439034	GRÖNST	100.210	35.000	49.08	1.39	14.97	11.70	0.22	7.19	8.93	2.36	0.06	0.12					96.19
				7	104	105	49	10		0.06	200	0			30	290	20	80
				40	110	0	0	0	10	10	20	0	0	0	10	10	0	
8439035	GRÖNST	100.250	35.000	52.61	1.28	14.79	10.91	0.18	6.42	7.99	5.02	0.10	0.14					99.62
				5	79	50	36	9		0.01	80	0			70	370	20	130
				50	100	0	0	0	0	10	20	0	0	0	10	10	0	
8439042	GRÖNST	100.780	34.970	49.57	1.28	14.67	12.14	0.16	6.84	9.74	3.59	0.31	0.12					98.59
				16	63	60	40	16		0.00	200	0			30	320	20	220
				40	80	0	0	10	0	20	30	0	0	0	0	0	0	
8439043	GRÖNST	100.820	34.970	51.61	1.01	15.62	10.27	0.18	8.29	7.24	4.28	0.81	0.11					99.57
				4	94	87	43	10		0.00	270	0			50	260	30	100
				40	80	0	0	0	0	10	70	0	0	0	0	10	0	
8439044	GRÖNST	100.910	35.070	46.05	1.48	16.27	13.08	0.19	9.07	7.43	3.31	0.04	0.14					97.27
				49	137	153	55	11		0.02	300	0			0	390	20	90
				50	100	0	0	0	0	20	0	0	0	10	10	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439045	GRÖNST	101.000	35.050	48.98	1.12	15.49	10.41	0.15	7.68	9.46	3.81	0.12	0.10					97.55
				45	113	79	42	13		0.06	220	10			0	330	20	180
				40	70	0	0	0	0	0	20	0	0	0	0	10	0	
8439046	GRÖNST	101.060	34.970	48.28	1.17	16.11	11.27	0.22	7.45	8.23	4.37	0.08	0.12					97.53
				76	128	104	37	19		0.05	260	0			0	330	20	150
				40	70	0	0	0	0	0	30	0	0	0	0	10	0	
8439047	GRÖNST	101.140	34.960	48.45	1.17	15.07	11.57	0.17	8.19	9.40	3.56	0.34	0.11					98.21
				22	37	54	44	14		0.00	60	0			0	380	20	190
				50	70	0	0	0	10	20	50	0	0	0	10	0	0	
8439048	GRÖNST	101.240	34.970	50.69	1.17	15.77	11.21	0.16	8.52	6.33	4.83	0.18	0.11					99.23
				45	83	107	38	14		0.19	250	0			0	350	20	90
				40	80	0	0	0	10	20	40	0	0	0	0	10	0	
8439049	GRÖNST	101.270	35.000	44.81	1.04	15.49	11.07	0.15	8.98	6.97	3.55	0.06	0.10					92.45
				41	109	164	45	17		0.06	330	10			0	320	20	140
				40	70	0	0	0	10	10	40	0	10	0	0	10	0	
8439050	GRÖNST	101.420	34.980	50.93	1.04	15.61	10.38	0.16	7.14	8.56	4.90	0.04	0.10					99.05
				55	82	82	40	14		0.04	250	0			0	330	20	90
				40	60	0	0	0	0	10	30	0	0	0	10	10	0	
8439051	GRÖNST	101.460	34.990	46.89	1.34	16.63	13.40	0.16	8.62	5.97	4.11	0.16	0.11					97.63
				45	135	115	47	17		0.03	270	0			0	380	20	130
				50	80	0	0	0	0	30	30	0	0	0	10	10	0	
8439052	GRÖNST	101.490	35.020	49.95	1.12	15.69	10.88	0.18	7.85	8.41	4.44	0.16	0.11					98.96
				56	94	84	39	16		0.02	230	0			0	340	20	140
				40	60	0	0	0	0	20	40	0	0	0	0	10	0	
8439053	GRÖNST	101.640	34.960	46.89	1.06	15.98	13.05	0.19	10.75	4.73	4.05	0.18	0.10					97.20
				62	125	225	56	19		0.00	330	0			0	340	20	80
				40	70	0	0	0	10	20	30	0	10	0	10	20	0	
8439054	GRÖNST	101.780	35.010	47.70	1.01	15.37	9.94	0.15	7.97	11.39	3.29	0.43	0.08					97.51
				64	89	114	42	15		0.00	310	20			0	260	20	110
				40	70	0	0	0	0	20	60	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439055	GRÖNST	101.810	35.100	49.39	0.86	16.23	10.07	0.13	6.57	8.85	3.84	1.04	0.09					97.30
				36	92	173	41	12		0.04	370	10			0	280	30	130
				40	60	0	0	0	10	30	40	0	0	0	0	10	0	
8439056	GRÖNST	101.870	35.090	53.25	1.05	17.70	12.12	0.08	5.34	3.65	4.58	1.73	0.16					99.85
				17	123	105	35	12		0.01	350	0			0	280	40	180
				50	70	0	0	0	10	20	50	0	0	0	0	0	0	
8439057	GRÖNST	102.120	35.030	51.63	1.40	16.36	15.31	0.16	5.09	3.46	5.82	0.15	0.14					99.72
				43	132	23	41	11		0.00	10	0			0	500	20	50
				40	90	0	0	0	0	20	30	0	0	0	10	10	0	
8439058	GRÖNST	102.180	35.020	50.53	2.00	15.64	15.71	0.16	4.89	3.93	6.45	0.07	0.21					99.92
				13	134	21	51	14		0.34	10	0			0	500	20	50
				50	140	10	0	10	10	20	20	0	10	0	0	10	0	
8439059	GRÖNST	102.230	34.980	56.03	1.21	15.74	9.36	0.12	3.10	6.92	6.55	0.22	0.14					99.68
				58	76	29	28	15		0.20	20	10			0	410	20	110
				40	70	10	0	0	10	10	50	0	0	10	10	0	0	
8439060	GRÖNST	102.300	34.980	49.59	1.32	14.87	11.28	0.18	6.60	8.20	4.98	0.10	0.15					97.43
				60	113	57	40	6		0.02	80	0			0	340	20	80
				40	90	0	0	0	10	30	40	0	0	0	10	10	0	
8439061	GRÖNST	102.350	34.990	51.18	1.50	14.56	12.51	0.18	6.62	8.01	4.49	0.11	0.15					99.50
				54	122	54	40	14		0.03	70	0			0	360	20	70
				50	110	0	0	0	10	20	30	0	0	10	0	10	0	
8439062	GRÖNST	102.390	34.980	41.68	1.90	17.10	18.27	0.18	7.75	6.24	2.01	1.38	0.16					96.89
				33	139	38	43	9		0.02	30	0			0	570	40	180
				60	140	0	0	0	10	30	120	0	20	0	10	10	0	
8439063	GRÖNST	102.550	35.020	53.25	1.02	16.63	9.15	0.14	7.18	4.71	5.42	0.39	0.09					98.17
				120	102	146	44	13		0.01	290	0			0	220	20	60
				40	80	0	0	0	0	20	80	0	0	0	10	10	0	
8439064	GRÖNST	102.590	35.020	49.19	0.94	14.98	9.28	0.19	4.16	11.27	4.71	0.20	0.17					95.21
				42	89	40	29	18		0.00	30	0			0	290	20	110
				40	70	0	0	0	0	30	30	0	0	0	10	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439065	GRÖNST	102.680	35.010	47.95	1.12	16.95	11.47	0.17	7.74	9.28	2.98	0.14	0.12					98.11
				37	94	82	37	17		0.00	220	0			0	360	20	260
				40	60	0	0	0	0	10	40	0	0	0	0	10	0	
8439066	GRÖNST	102.760	35.000	46.97	1.78	16.85	17.16	0.16	4.68	6.55	2.62	0.13	0.26					97.36
				17	175	124	37	17		0.00	330	0			0	340	20	250
				60	100	0	0	0	10	10	40	0	0	0	10	10	0	
8439067	GRÖNST	99.950	34.600	49.69	1.37	15.52	13.00	0.17	6.88	6.88	3.99	0.06	0.15					97.92
				51	107	54	43	14		0.09	50	10			0	390	10	170
				50	90	0	0	0	0	10	20	0	0	0	10	0	0	
8439068	GRÖNST	100.140	34.660	44.56	1.17	17.39	12.88	0.15	9.44	7.81	2.60	0.70	0.09					96.96
				7	61	181	55	18		0.00	290	0			0	250	20	90
				40	90	0	0	0	0	30	40	0	0	0	10	0	0	
8439069	GRÖNST	100.180	34.580	46.26	1.38	15.79	11.08	0.13	8.14	11.63	3.12	0.03	0.12					97.84
				9	55	127	45	16		0.00	200	10			0	310	20	90
				50	100	0	0	0	0	20	30	0	0	0	10	0	0	
8439070	GRÖNST	100.650	34.550	52.24	1.25	14.68	11.80	0.16	8.63	5.82	5.01	0.06	0.11					99.89
				7	83	71	44	13		0.01	80	0			80	340	20	60
				50	80	0	0	0	10	10	0	0	0	0	10	0	0	
8439074	GRÖNST	97.940	32.520	49.19	1.23	16.07	11.91	0.18	7.35	8.12	4.53	0.17	0.11					99.13
				29	96	99	37	9		0.16	210	0			0	360	20	160
				40	80	0	0	0	10	10	40	0	0	0	10	10	0	
8439075	GRÖNST	98.390	32.490	47.14	0.93	18.49	8.94	0.14	6.79	12.50	2.94	0.09	0.08					98.21
				86	77	131	35	13		0.00	300	20			0	230	20	120
				40	60	0	0	0	10	10	20	0	0	0	10	10	0	
8439076	GRÖNST	98.430	32.480	47.31	0.93	18.94	8.68	0.14	7.11	11.72	2.80	0.84	0.08					98.77
				75	76	126	36	17		0.06	300	10			0	220	20	220
				30	70	0	0	0	10	20	70	0	0	0	0	10	0	
8439077	GRÖNST	98.500	32.480	44.74	0.86	18.55	8.76	0.22	8.37	12.10	1.22	1.60	0.08					96.74
				51	79	182	41	13		0.00	360	20			0	200	30	360
				30	60	0	0	0	0	20	170	0	10	0	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439078	GRÖNST	98.560	32.470	47.78	0.88	17.72	9.79	0.18	6.62	12.84	3.21	0.44	0.07					99.70
				59	79	91	40	17		0.02	290	30			0	260	30	110
				40	50	0	0	0	10	20	60	0	0	0	0	10	0	
8439079	GRÖNST	98.630	32.480	46.89	1.05	15.11	12.71	0.21	8.68	8.85	3.04	0.21	0.08					97.03
				45	108	80	37	15		0.07	190	0			0	330	20	120
				40	60	0	0	0	0	30	40	0	0	10	10	10	0	
8439080	GRÖNST	98.700	32.510	48.91	1.44	15.38	13.60	0.27	7.54	4.61	4.83	0.04	0.14					97.50
				37	108	65	41	16		1.17	90	0			0	380	20	100
				60	100	0	10	0	0	20	20	0	0	0	10	10	0	
8439081	GRÖNST	98.870	32.490	49.75	1.17	14.83	11.50	0.21	6.38	9.42	4.31	0.04	0.12					98.15
				84	94	84	43	21		0.40	150	10			0	340	20	410
				40	70	0	0	0	10	10	30	0	0	0	0	0	0	
8439082	GRÖNST	98.950	32.520	51.74	1.36	15.27	12.70	0.12	4.75	7.73	5.07	0.41	0.14					99.43
				18	37	42	39	20		0.00	30	10			0	390	20	150
				50	90	0	0	0	0	0	40	0	0	0	0	10	0	
8439083	GRÖNST	99.070	32.430	45.38	1.03	13.22	12.18	0.21	7.44	14.34	2.14	0.05	0.08					96.34
				41	84	85	45	19		0.14	190	0			0	310	20	190
				40	60	0	0	10	10	10	40	0	0	10	10	10	0	
8439084	GRÖNST	99.100	32.480	48.87	1.09	14.41	11.75	0.23	7.76	11.42	2.93	0.34	0.08					99.09
				148	78	90	46	20		0.03	190	0			60	320	20	190
				50	50	0	0	0	0	30	60	0	0	10	10	20	0	
8439085	GRÖNST	99.180	32.470	48.34	1.82	15.36	13.28	0.18	6.44	8.68	3.90	0.13	0.19					98.50
				11	60	99	41	15		0.01	120	0			30	380	20	90
				60	150	10	0	10	10	10	60	0	0	10	0	0	0	
8439086	GRÖNST	99.230	32.490	46.47	1.04	18.82	9.41	0.14	7.20	11.07	3.02	0.47	0.10					97.89
				7	59	149	41	14		0.01	140	0			0	240	20	230
				40	70	0	0	0	0	0	40	0	0	10	0	10	0	
8439087	GRÖNST	99.270	32.480	51.69	1.28	15.65	12.48	0.14	6.53	5.66	5.06	0.09	0.14					98.85
				16	73	75	46	14		0.01	20	0			0	350	20	100
				40	90	10	0	0	0	20	20	0	0	0	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439088	GRÖNST	99.320	32.490	49.20	1.75	14.13	13.51	0.12	6.30	9.26	4.17	0.05	0.22					98.88
				11	52	79	50	24		0.01	80	0			170	400	20	60
				50	140	10	0	0	10	30	0	0	20	0	0	10	0	
8439095	GRÖNST	99.720	32.550	49.94	1.16	16.53	10.25	0.13	5.87	9.22	4.20	0.20	0.11					97.78
				9	64	88	33	19		0.04	170	0			120	310	20	100
				40	70	10	0	0	10	0	30	0	0	0	0	10	0	
8439096	GRÖNST	99.780	32.530	51.12	1.44	15.94	11.77	0.11	5.84	7.34	5.39	0.05	0.17					99.33
				7	64	61	27	17		0.01	150	0			20	390	20	120
				50	110	0	0	0	0	20	10	0	10	0	0	10	0	
8439097	GRÖNST	99.820	32.500	45.46	1.23	15.48	9.84	0.27	10.18	6.13	3.46	0.03	0.14					92.52
				195	310	112	43	20		0.06	280	0			0	290	20	40
				50	90	0	0	0	0	20	10	0	0	10	10	20	0	
8439098	GRÖNST	99.900	32.450	49.50	1.48	15.31	10.94	0.11	6.45	9.76	4.20	0.09	0.15					98.19
				11	51	82	39	16		0.02	150	0			90	400	20	220
				50	110	0	0	0	0	10	20	0	0	10	10	10	0	
8439108	GRÖNST	100.650	32.520	45.21	1.06	15.46	11.24	0.17	8.11	10.01	3.22	0.03	0.12					94.80
				57	100	173	52	15		0.01	310	10			0	320	20	100
				40	60	0	0	0	10	20	10	0	0	0	10	0	0	
8439109	GRÖNST	100.690	32.550	42.72	0.90	13.79	9.32	0.16	5.92	12.85	3.55	0.04	0.10					89.58
				58	89	147	45	31		0.05	250	10			0	260	20	110
				40	50	0	0	0	0	30	20	0	0	0	10	0	0	
8439110	GRÖNST	100.740	32.580	47.21	0.99	14.27	10.09	0.15	8.78	10.68	3.14	0.20	0.27					96.04
				74	96	124	40	25		0.02	410	0			0	290	20	310
				30	80	10	0	0	10	20	40	0	40	0	10	10	0	
8439111	GRÖNST	101.060	32.520	48.44	1.05	15.82	10.95	0.14	7.16	9.48	3.45	0.49	0.11					97.34
				61	100	211	51	24		0.03	470	0			0	320	30	160
				40	60	0	0	0	10	0	40	0	0	0	0	0	0	
8439112	GRÖNST	101.190	32.490	27.65	0.91	11.54	9.36	0.22	5.96	24.77	0.38	0.56	0.07					81.60
				53	93	137	33	31		0.00	380	0			0	260	30	130
				40	60	0	0	0	10	10	30	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439113	GRÖNST	101.260	32.500	45.14	1.04	15.14	12.08	0.17	8.16	10.82	2.80	0.37	0.11					96.06
				54	110	302	59	15		0.00	630	0			C	320	30	120
				50	60	0	10	0	0	0	40	0	0	0	10	10	0	
8439114	GRÖNST	101.590	32.530	47.16	1.15	15.28	11.57	0.16	8.15	8.05	2.88	0.47	0.13					95.25
				63	102	158	50	25		0.09	330	0			0	360	20	110
				40	70	0	0	0	10	30	50	0	0	0	10	10	0	
8439115	GRÖNST	98.020	32.110	46.90	1.04	16.38	11.24	0.18	8.49	8.22	3.88	0.08	0.09					96.65
				31	93	122	42	24		0.00	230	0			0	330	20	120
				40	50	0	0	0	0	0	30	0	0	0	0	10	0	
8439116	GRÖNST	98.160	32.040	46.64	1.18	15.39	10.69	0.32	8.09	10.67	1.15	0.40	0.07					94.82
				59	98	186	42	26		0.00	410	30			0	310	30	140
				40	60	0	0	0	0	0	50	0	0	0	0	10	0	
8439117	GRÖNST	98.220	31.910	53.96	1.20	21.37	9.68	0.03	1.80	2.81	5.63	2.65	0.03					99.31
				9	94	53	21	18		0.00	30	0			0	240	60	210
				40	120	0	0	0	0	20	180	0	0	0	10	10	0	
8439118	GRÖNST	98.320	31.980	50.92	1.04	15.88	10.19	0.21	6.64	7.80	4.20	0.78	0.11					97.97
				30	93	103	25	21		0.00	170	0			0	330	30	200
				40	60	0	0	0	10	0	200	0	10	0	10	10	0	
8439119	GRÖNST	98.620	32.100	47.11	1.29	15.90	12.82	0.19	7.44	6.31	4.42	0.06	0.14					95.86
				83	123	82	43	25		0.03	130	0			0	380	20	120
				40	80	0	0	0	0	10	40	0	0	10	0	0	0	
8439120	GRÖNST	98.660	32.180	51.69	1.04	16.85	10.24	0.17	7.02	4.34	5.78	0.30	0.13					97.70
				58	100	71	28	20		0.03	100	0			0	320	20	60
				40	70	0	0	0	0	20	10	0	0	0	10	10	0	
8439121	GRÖNST	98.720	32.140	49.61	1.18	14.84	11.14	0.13	5.58	7.77	5.74	0.06	0.14					96.37
				49	100	42	31	7		0.01	40	0			0	360	20	60
				40	80	0	0	0	10	0	20	0	0	0	10	10	0	
8439122	GRÖNST	98.780	32.120	49.62	1.05	16.93	10.14	0.18	7.62	6.03	4.89	0.25	0.11					97.07
				63	134	99	39	7		0.19	200	0			0	330	20	120
				40	60	0	0	0	0	0	50	0	10	0	10	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					CXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439123	GRÖNST	98.840	32.110	43.76	1.32	14.34	16.26	0.17	10.46	4.92	3.07	0.04	0.12					94.62
				64	169	51	45	8		0.02	60	0			0	400	20	150
				40	90	0	0	0	10	20	20	0	0	0	10	10	0	
8439124	GRÖNST	98.900	32.020	51.65	1.06	16.10	10.81	0.17	7.05	3.92	5.97	0.06	0.11					97.76
				90	106	68	33	10		1.38	100	0			0	340	20	40
				40	60	0	0	0	0	0	30	0	0	0	10	0	0	
8439125	GRÖNST	98.970	32.000	47.89	1.95	14.83	14.27	0.19	7.02	6.74	4.38	0.11	0.20					97.89
				75	146	57	50	12		0.24	90	0			0	440	20	100
				50	140	0	0	0	10	20	30	0	10	0	10	10	0	
8439126	GRÖNST	98.990	32.040	46.94	1.50	14.41	12.22	0.18	6.99	10.14	3.25	0.03	0.14					96.01
				67	105	68	46	12		0.04	100	0			0	370	20	180
				50	100	0	0	10	10	20	30	0	0	10	0	10	0	
8439127	GRÖNST	99.070	32.050	46.05	0.96	19.04	8.45	0.14	7.35	11.62	2.74	0.96	0.08					97.59
				88	82	123	41	7		0.00	270	10			0	220	30	440
				40	60	10	0	0	0	20	110	0	0	0	0	10	0	
8439128	GRÖNST	99.120	32.060	47.58	1.67	14.54	12.81	0.20	7.01	9.96	3.52	0.03	0.16					97.69
				50	77	71	40	11		0.01	130	20			0	380	20	320
				50	110	10	0	10	10	10	10	0	0	0	10	0	0	
8439129	GRÖNST	99.180	32.110	47.84	1.82	14.95	14.17	0.21	6.49	5.91	8.01	0.19	0.19					99.96
				17	72	66	52	8		0.06	110	0			0	410	20	80
				50	130	0	0	0	10	20	40	0	10	0	10	10	0	
8439130	GRÖNST	99.260	32.110	49.88	1.07	17.64	10.21	0.16	7.14	4.87	5.28	0.06	0.10					96.58
				71	107	91	44	5		0.01	200	0			0	280	20	110
				40	60	0	0	0	0	10	40	0	10	0	10	10	0	
8439131	GRÖNST	99.320	32.130	58.93	1.25	15.12	10.45	0.17	3.53	3.50	6.44	0.08	0.22					99.82
				29	137	41	23	12		0.03	40	0			0	240	20	60
				60	180	0	0	0	0	20	20	0	10	0	10	10	0	
8439132	GRÖNST	99.370	32.070	59.21	1.34	14.48	10.69	0.14	3.27	3.98	5.81	0.10	0.29					99.59
				19	138	23	20	4		0.24	20	20			0	190	20	90
				70	190	10	0	0	10	10	30	0	0	10	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439133	GRÖNST	99.440	31.980	49.67	1.08	15.54	12.22	0.22	6.46	7.82	4.62	0.05	0.12					97.95
				59	134	73	39	8		0.03	80	0			0	340	20	40
				40	70	0	0	0	0	10	20	0	0	0	0	10	0	
8439134	GRÖNST	99.520	32.060	46.78	1.24	15.03	10.71	0.20	7.64	12.55	2.43	0.07	0.12					96.98
				59	118	131	45	12		0.05	260	30			40	300	20	70
				40	90	10	0	0	0	0	30	0	0	10	0	10	0	
8439135	GRÖNST	99.840	31.970	52.06	0.96	16.06	9.29	0.17	4.38	8.99	5.76	0.04	0.12					98.02
				55	118	98	32	12		0.03	180	0			0	280	20	140
				40	60	0	0	0	10	10	20	0	0	0	10	10	0	
8439136	GRÖNST	99.950	31.930	51.17	1.16	15.97	10.27	0.19	7.04	8.03	4.44	0.11	0.11					98.69
				74	92	116	36	10		0.08	190	0			0	320	20	100
				40	70	0	0	0	0	0	40	0	0	0	0	10	0	
8439145	GRÖNST	98.950	35.530	46.80	1.31	15.68	11.11	0.20	5.49	10.67	4.09	0.66	0.13					96.34
				45	100	151	39	8		0.00	260	0	18		0	410	30	90
				50	80	0	0	0	0	20	40	0	0	10	10	0	0	
8439146	GRÖNST	99.020	35.540	47.77	1.44	15.30	11.97	0.19	6.70	9.92	3.36	0.75	0.16					97.73
				70	101	105	33	15		0.04	200	0	19		0	380	30	160
				50	80	0	0	10	10	20	20	0	0	0	0	10	0	
8439147	GRÖNST	99.120	35.610	46.18	1.05	14.53	12.20	0.18	11.02	8.29	2.21	0.32	0.10					96.35
				52	91	309	51	4		0.03	520	10	30		0	310	20	140
				50	70	0	0	0	10	30	50	0	0	0	10	10	0	
8439148	GRÖNST	100.150	35.470	49.37	1.47	14.60	15.63	0.17	7.25	6.52	4.14	0.45	0.14					99.88
				13	59	83	41	9		0.02	90	0	11		0	350	20	140
				50	110	0	0	0	10	10	40	0	0	0	0	10	0	
8439149	GRÖNST	100.220	35.450	49.95	1.24	14.33	12.00	0.15	7.01	8.71	3.72	0.29	0.11					97.70
				20	71	114	39	13		0.02	320	20	11		10	300	20	160
				40	90	0	0	0	0	30	0	0	10	0	0	0	0	
8439150	GRÖNST	100.280	35.470	49.14	1.35	14.32	11.28	0.15	8.48	8.38	3.97	0.14	0.12					97.52
				19	76	145	36	7		0.01	180	0	14		0	330	20	170
				50	100	0	0	0	10	10	30	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439151	GRÖNST	100.380	35.450	46.99	0.77	17.41	9.92	0.14	9.60	6.63	2.68	1.87	0.05					96.25
				13	38	178	39	12		0.01	300	0	22		0	220	40	90
				40	40	0	0	0	0	20	100	0	0	0	10	0	0	
8439152	GRÖNST	100.440	35.440	52.01	1.41	14.50	12.04	0.13	7.35	4.54	5.16	0.06	0.14					97.72
				16	64	70	37	5		0.95	30	0	14		20	350	20	50
				40	100	0	0	0	10	10	10	0	0	10	0	10	0	
8439153	GRÖNST	100.500	35.300	49.66	1.27	14.50	13.08	0.16	6.63	9.45	4.02	0.08	0.12					99.10
				14	50	98	38	13		0.02	80	0	11		90	370	20	100
				50	30	0	0	0	0	0	30	0	0	0	0	10	0	
8439154	GRÖNST	100.880	35.630	45.07	1.09	17.86	12.57	0.11	3.92	7.78	1.31	2.25	0.07					92.21
				88	102	145	36	11		0.00	290	0	11		0	230	50	220
				40	70	10	0	0	10	10	50	0	0	10	0	0	0	
8439155	GRÖNST	100.900	35.580	44.16	1.16	15.28	12.01	0.18	8.83	10.74	2.37	1.04	0.09					96.08
				49	95	198	39	12		0.03	380	0	20		0	370	40	150
				50	70	0	0	0	20	10	120	0	0	0	0	10	0	
8439156	GRÖNST	100.970	35.560	44.54	1.11	14.69	13.15	0.19	11.86	7.95	1.84	0.08	0.11					95.73
				73	116	306	52	13		0.02	340	0	27		0	330	20	150
				50	80	0	0	0	10	10	40	0	0	0	0	10	0	
8439157	GRÖNST	101.090	35.530	46.36	1.45	15.97	11.41	0.19	8.35	9.76	2.78	0.27	0.10					96.83
				63	99	186	43	7		0.02	330	0	22		0	320	20	130
				50	110	0	0	0	10	10	20	0	0	0	10	0	0	
8439158	GRÖNST	101.150	35.530	45.97	0.93	12.81	10.39	0.15	8.15	12.00	2.76	0.10	0.04					93.60
				93	78	185	40	8		0.08	290	0	20		0	250	20	160
				40	50	0	0	0	0	0	10	0	0	0	10	10	0	
8439159	GRÖNST	101.200	35.520	52.83	1.13	15.30	10.68	0.14	5.44	7.28	4.90	0.24	0.10					98.22
				50	95	187	44	10		0.01	280	0	15		0	320	20	100
				50	70	0	0	0	0	10	20	0	0	0	10	10	0	
8439160	GRÖNST	101.320	35.510	49.67	0.95	15.67	9.94	0.15	7.11	11.86	1.68	0.02	0.09					97.33
				46	72	159	31	5		0.02	230	20	19		0	290	20	100
				40	70	0	0	0	10	10	20	0	0	10	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439161	GRÖNST	101.380	35.500	55.40	1.38	17.28	13.07	0.03	2.26	3.51	3.81	2.57	0.20					99.69
				23	158	41	16	5		0.00	230	60	12		0	130	60	210
				50	90	0	0	0	0	30	70	0	0	0	10	10	0	
8439162	GRÖNST	101.870	35.570	40.42	1.52	16.35	20.35	0.30	9.08	4.38	3.02	0.07	0.13					95.79
				34	148	27	38	9		0.00	10	0	14		0	540	20	150
				50	90	0	0	0	10	10	30	0	0	0	10	10	0	
8439163	GRÖNST	101.930	35.550	54.56	1.55	14.33	11.24	0.13	3.57	6.73	7.11	0.13	0.20					99.72
				26	37	26	29	15		0.01	20	10	5		0	450	20	50
				50	110	0	0	0	0	0	40	0	0	0	0	10	0	
8439164	GRÖNST	101.980	35.610	48.24	0.93	15.56	9.26	0.15	7.43	12.20	3.65	0.34	0.07					98.01
				65	65	183	44	16		0.00	410	0	13		0	250	20	100
				40	60	0	0	0	10	0	60	0	0	0	10	10	0	
8439165	GRÖNST	102.030	35.640	52.56	1.23	14.82	10.91	0.17	6.10	6.98	4.96	0.13	0.15					98.18
				56	88	61	37	14		0.02	80	0	8		0	320	20	70
				50	90	0	0	0	10	20	50	0	0	10	0	10	0	
8439166	GRÖNST	102.290	35.550	49.85	1.83	15.37	14.78	0.19	5.26	6.89	4.91	0.07	0.19					99.62
				43	107	44	43	14		0.09	50	0	8		0	470	20	120
				60	140	0	0	0	10	10	30	0	10	0	10	10	0	
8439167	GRÖNST	102.350	35.430	47.12	1.25	16.44	11.09	0.17	6.89	11.33	2.26	0.81	0.11					97.69
				46	122	126	40	16		0.02	280	10	8		0	290	30	290
				50	90	0	0	0	0	20	100	0	0	0	0	0	0	
8439168	GRÖNST	102.410	35.470	54.08	1.80	14.82	13.64	0.15	3.83	5.49	5.39	0.20	0.26					99.86
				21	118	29	42	13		0.01	30	0	10		0	480	20	70
				60	130	10	0	0	0	10	40	0	0	0	0	10	0	
8439169	GRÖNST	102.650	35.670	50.01	1.43	16.43	10.42	0.14	8.12	5.92	4.51	0.57	0.17					97.91
				80	110	119	46	16		0.00	280	0	15		0	340	20	70
				50	100	0	0	0	10	10	40	0	0	0	10	10	0	
8439170	GRÖNST	102.680	35.540	50.67	0.60	14.05	9.81	0.16	10.13	7.84	3.88	0.21	0.06					97.59
				55	70	181	38	4		0.00	520	0	14		0	220	20	60
				30	40	0	0	0	0	10	30	0	0	0	10	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439171	GRÖNST	102.720	35.570	42.05	1.14	15.87	12.01	0.18	6.89	12.77	1.62	1.04	0.12					93.92
				60	93	128	42	9		0.01	350	0	20		0	370	30	230
				50	80	0	0	0	0	0	70	0	0	10	10	10	0	
8439172	GRÖNST	102.780	35.540	50.20	1.10	16.02	10.38	0.20	7.99	9.46	3.68	0.32	0.05					99.58
				26	90	156	39	18		0.01	370	0	12		0	280	20	100
				50	60	0	0	0	10	20	60	0	0	0	10	0	0	
8439173	GRÖNST	98.850	36.000	44.23	1.20	15.97	11.47	0.18	5.96	12.92	3.91	0.05	0.15					96.28
				55	79	120	37	21		0.01	230	10	16		0	410	20	210
				50	80	0	0	0	10	10	10	0	0	0	0	10	0	
8439174	GRÖNST	98.880	36.010	43.94	0.98	13.40	9.44	0.17	5.33	14.48	3.88	1.16	0.11					93.24
				62	84	130	42	24		0.20	250	0	15		0	280	40	80
				50	70	0	0	0	0	10	30	0	0	0	0	10	0	
8439175	GRÖNST	98.910	36.020	47.46	1.11	15.48	12.44	0.17	7.99	7.69	4.20	0.11	0.10					96.97
				59	109	220	53	12		0.00	430	0	20		0	310	20	120
				50	80	0	0	0	10	20	10	0	10	0	10	10	0	
8439176	GRÖNST	98.960	36.000	49.41	1.19	16.17	10.51	0.16	6.35	7.47	5.45	0.28	0.14					97.36
				66	97	100	38	10		0.06	210	0	20		0	370	20	110
				40	60	0	0	0	0	30	20	0	0	0	10	10	0	
8439177	GRÖNST	99.020	36.010	48.09	1.17	16.09	11.55	0.18	6.65	8.84	4.72	0.10	0.17					97.73
				68	102	98	40	16		0.03	190	0	17		0	370	20	90
				40	70	0	10	0	10	0	30	0	0	0	10	10	0	
8439178	GRÖNST	99.080	36.010	48.15	1.27	16.06	11.90	0.18	7.32	7.51	4.10	0.11	0.12					96.93
				42	97	127	39	14		0.05	240	10	14		0	350	20	110
				50	80	0	0	0	0	10	30	0	0	0	0	10	0	
8439179	GRÖNST	99.140	36.010	49.48	1.27	16.56	10.78	0.20	6.25	7.03	5.36	0.06	0.24					97.40
				65	88	127	35	17		0.01	250	10	15		0	330	20	80
				40	30	0	0	0	0	30	20	0	20	0	0	10	0	
8439180	GRÖNST	99.190	36.060	47.91	1.08	15.55	11.78	0.33	9.84	6.20	1.96	0.85	0.10					95.83
				70	88	194	42	6		0.00	380	20	25		0	330	30	60
				40	70	0	0	0	10	20	140	0	0	10	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439181	GRÖNST	99.270	36.020	48.73	1.10	16.00	12.08	0.22	8.59	5.10	4.53	0.05	0.10					96.67
				54	101	140	44	14		0.00	260	0	17		0	360	20	70
				40	50	0	0	0	0	20	20	0	0	0	10	10	0	
8439182	GRÖNST	99.330	36.020	48.67	0.86	14.13	6.99	0.11	3.24	12.30	6.11	0.17	0.10					92.92
				61	84	250	52	19		0.00	420	0	8		0	290	20	60
				40	70	0	0	0	0	10	30	0	0	0	10	10	0	
8439183	GRÖNST	99.390	36.040	45.05	1.45	15.19	12.04	0.18	8.92	6.50	1.12	2.21	0.12					93.05
				68	99	276	50	10		0.01	540	0	31		0	330	50	20
				50	120	0	0	0	0	20	250	0	0	0	10	0	0	
8439184	GRÖNST	99.560	36.010	43.81	2.14	15.26	13.78	0.23	5.90	10.49	3.20	0.06	0.25					95.39
				63	114	88	45	19		0.09	80	10	10		0	500	20	140
				60	150	10	0	10	10	10	10	0	10	0	10	0	0	
8439185	GRÖNST	99.600	36.030	46.85	1.11	15.82	9.69	0.20	6.84	10.15	3.68	0.28	0.09					94.89
				74	78	66	35	22		0.05	160	0	12		0	260	20	60
				40	80	0	0	10	0	10	10	0	0	0	10	0	0	
8439186	GRÖNST	99.650	36.010	48.13	1.17	17.03	9.95	0.16	6.52	9.74	3.40	0.64	0.10					97.02
				80	75	75	35	17		0.01	170	0	11		0	280	30	140
				40	80	0	0	0	0	20	20	0	0	0	0	10	0	
8439187	GRÖNST	99.700	36.020	48.51	1.22	17.76	10.09	0.18	6.26	10.23	4.15	0.27	0.11					98.94
				67	31	81	36	20		0.00	160	0	9		0	280	20	180
				40	90	0	0	0	0	20	20	0	0	0	0	10	0	
8439188	GRÖNST	99.780	36.010	48.53	1.32	15.90	11.39	0.21	7.76	6.59	4.02	0.04	0.12					96.09
				82	132	115	45	18		0.09	180	0	12		0	300	20	60
				40	100	0	0	0	0	30	10	0	0	0	10	10	0	
8439189	GRÖNST	99.810	36.030	46.80	1.39	15.76	11.41	0.19	8.40	9.06	3.47	0.08	0.12					96.86
				61	96	107	47	27		0.02	290	0	15		0	310	20	210
				40	100	0	0	0	10	0	10	0	0	0	10	0	0	
8439190	GRÖNST	99.840	36.030	51.90	1.22	15.22	12.10	0.29	6.52	5.38	5.27	0.03	0.12					98.49
				35	74	57	31	25		0.58	40	0	7		0	350	20	80
				40	90	0	0	0	0	20	40	0	0	10	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						GXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8439191	GRÖNST	99.950	35.980	52.88	1.59	14.89	13.15	0.25	4.69	5.71	5.77	0.09	0.17						99.67
				46	189	29	29	23		0.57	10	0	4		0	400	20	130	
				50	110	0	0	0	10	20	30	0	0	0	10	10	0		
8439192	GRÖNST	99.990	35.980	48.00	1.24	15.46	11.80	0.22	6.39	9.98	3.48	0.04	0.13						96.96
				304	74	74	42	32		0.02	120	10	7		0	360	20	190	
				40	80	10	0	0	0	10	30	0	0	0	0	10	0		
8439193	GRÖNST	100.040	36.000	47.38	1.30	15.21	11.27	0.23	8.30	10.78	2.16	0.89	0.12						97.81
				24	146	112	46	35		0.02	260	0	9		0	310	30	210	
				40	90	0	0	10	10	30	60	0	0	0	0	0	0		
8439194	GRÖNST	100.090	36.010	49.65	1.44	14.15	13.41	0.22	7.19	6.77	3.92	0.06	0.14						97.20
				26	105	66	44	31		0.19	60	0	7		10	340	20	110	
				50	120	0	0	0	0	10	40	0	0	0	0	10	0		
8439195	GRÖNST	100.130	36.020	50.83	1.29	14.68	11.57	0.20	6.82	9.39	4.06	0.06	0.12						99.19
				11	32	81	35	36		0.00	230	0	6		90	340	20	160	
				40	90	0	0	0	10	10	10	0	0	0	0	10	0		
8439196	GRÖNST	100.180	36.040	52.36	1.31	14.21	12.48	0.21	5.42	6.52	4.89	0.03	0.13						97.73
				14	66	40	23	33		0.05	30	0	5		0	410	20	210	
				40	70	0	0	10	0	20	40	0	0	0	0	0	0		
8439197	GRÖNST	100.230	36.030	50.78	1.03	15.46	11.57	0.20	6.84	6.86	4.79	0.04	0.11						97.85
				129	65	70	29	37		0.01	90	0	8		0	350	20	180	
				40	60	0	0	0	0	0	40	0	0	0	10	10	0		
8439198	GRÖNST	100.290	36.040	45.14	0.98	16.10	14.80	0.20	6.84	9.39	3.06	0.02	0.10						97.11
				34	70	74	34	42		0.56	90	0	6		0	370	20	400	
				40	50	0	0	10	0	30	30	0	0	0	0	10	0		
8439199	GRÖNST	100.380	36.060	49.63	1.38	14.37	13.15	0.20	8.01	5.52	4.17	0.06	0.15						96.78
				37	77	65	34	36		0.01	50	0	8		40	350	20	90	
				40	100	0	0	0	10	0	20	0	0	0	10	0	0		
8439200	GRÖNST	100.450	36.070	48.77	1.47	13.37	12.84	0.15	6.21	10.73	3.45	0.05	0.13						97.36
				22	68	92	48	41		0.01	130	0	4		70	400	20	160	
				50	90	10	0	10	0	10	0	0	10	10	0	0	0		

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439201	GRÖNST	100.520	36.080	50.26	1.20	15.59	11.61	0.21	6.47	8.02	4.49	0.32	0.14					98.45
				48	62	81	34	38		0.02	100	0	6		0	320	20	150
				40	30	0	0	0	0	10	30	0	0	0	0	10	0	
8439202	GRÖNST	100.570	35.960	48.04	1.31	14.83	11.78	0.26	7.27	8.94	3.40	0.29	0.12					96.45
				172	70	80	44	39		0.02	300	0	13		0	330	20	160
				40	80	10	0	0	0	10	50	0	0	10	10	0	0	
8439203	GRÖNST	100.680	35.980	48.24	0.94	17.91	10.88	0.11	5.31	8.41	3.09	2.10	0.12					97.29
				35	81	115	31	35		0.00	340	0	13		0	290	50	90
				50	60	0	0	10	0	0	70	0	10	0	0	10	0	
8439204	GRÖNST	100.720	35.980	44.53	0.91	18.64	10.69	0.15	6.70	10.44	3.06	0.77	0.10					96.20
				38	74	120	35	38		0.00	290	0	14		0	360	30	90
				40	60	0	0	0	0	20	40	0	0	0	0	10	0	
8439205	GRÖNST	100.820	35.970	44.69	1.09	16.23	10.69	0.16	8.19	8.72	3.44	0.06	0.12					93.59
				56	91	144	40	46		0.00	260	0	21		0	310	20	100
				40	30	0	0	0	10	30	20	0	0	0	0	0	0	
8439206	GRÖNST	100.920	35.960	49.85	1.12	15.27	10.48	0.15	6.82	8.89	4.26	0.06	0.11					97.22
				58	82	149	38	50		0.01	260	0	12		0	330	20	130
				40	70	0	0	0	10	20	20	0	0	0	0	0	0	
8439207	GRÖNST	101.010	35.980	45.54	1.04	14.75	11.48	0.16	10.79	10.01	1.49	0.14	0.10					95.72
				52	83	264	49	48		0.02	510	0	20		0	300	20	130
				40	70	0	0	0	0	10	30	0	0	0	0	0	0	
8439208	GRÖNST	101.110	36.010	50.68	1.20	15.45	11.17	0.13	7.34	4.75	5.03	0.05	0.11					96.07
				57	91	128	38	51		0.00	220	0	16		0	330	20	50
				40	70	0	0	0	10	20	20	0	0	0	0	10	0	
8439209	GRÖNST	101.180	36.010	44.12	1.21	16.25	10.41	0.16	9.05	8.65	2.88	0.47	0.13					93.50
				135	95	101	48	17		0.02	200	0	33		0	380	20	200
				50	80	0	0	10	0	0	30	0	0	0	0	10	0	
8439210	GRÖNST	101.250	36.000	43.63	0.86	13.93	7.83	0.14	5.55	14.12	3.14	1.65	0.11					91.13
				77	81	126	38	17		0.03	280	0	15		0	300	40	180
				40	50	0	0	0	10	0	30	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439211	GRÖNST	101.320	36.010	48.32	1.10	16.24	7.33	0.11	5.86	9.43	5.39	0.24	0.13					94.32
				77	81	112	44	6		0.04	190	0	13		0	270	30	100
				40	70	0	0	0	0	20	30	0	0	10	10	10	0	
8439212	GRÖNST	101.400	36.050	49.33	1.04	15.12	10.07	0.15	7.33	8.50	4.11	0.05	0.12					95.99
				72	89	132	40	18		0.01	270	10	12		0	280	20	90
				40	70	0	0	0	10	10	30	0	0	10	0	10	0	
8439213	GRÖNST	101.460	36.050	47.35	0.79	15.96	9.25	0.14	6.37	9.62	4.75	0.32	0.12					94.83
				43	78	142	37	18		0.01	270	0	14		0	280	20	130
				40	50	0	0	0	0	0	50	0	0	0	0	10	0	
8439214	GRÖNST	101.560	36.030	49.49	0.92	14.11	10.01	0.14	7.18	8.13	4.45	0.07	0.12					94.78
				65	99	147	40	14		0.01	320	0	15		0	240	20	30
				40	60	0	0	0	0	10	40	0	0	0	0	0	0	
8439215	GRÖNST	101.630	36.170	53.35	0.70	15.16	8.52	0.10	7.97	5.64	4.84	0.62	0.10					97.21
				69	78	203	43	13		0.03	460	0	14		0	220	20	50
				30	50	0	0	0	0	20	60	0	0	0	0	10	0	
8439216	GRÖNST	101.720	36.200	46.31	0.65	14.94	9.98	0.14	9.43	9.79	2.67	0.21	0.07					94.40
				79	76	157	39	21		0.02	450	40	16		0	280	20	170
				30	30	0	0	10	10	0	40	0	0	0	10	10	0	
8439217	GRÖNST	101.820	36.210	47.92	0.70	14.73	10.11	0.14	10.02	8.90	3.38	0.09	0.08					96.32
				69	77	220	48	16		0.03	580	0	16		0	270	20	130
				30	50	0	0	0	10	0	50	0	0	0	10	0	0	
8439218	GRÖNST	101.970	36.440	49.60	1.19	16.46	12.82	0.15	4.88	6.66	4.15	0.05	0.17					96.32
				35	104	42	39	19		0.05	30	10	10		0	400	20	80
				40	60	0	0	0	0	20	20	0	0	0	0	10	0	
8439219	GRÖNST	102.090	36.310	51.54	1.47	15.68	12.62	0.13	4.31	7.51	2.80	0.06	0.19					96.53
				19	111	37	32	15		0.06	10	10	10		0	490	20	100
				50	80	0	0	0	10	10	30	0	10	0	10	10	0	
8439220	GRÖNST	102.200	36.320	53.33	1.32	13.94	9.99	0.18	3.30	8.59	3.53	0.07	0.22					94.67
				34	95	34	22	16		0.07	10	10	11		0	410	20	160
				50	90	0	0	0	10	10	10	0	0	10	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					CXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439221	GRÖNST	102.270	36.320	55.99	1.26	14.56	12.14	0.09	4.69	4.80	3.05	0.81	0.10					97.68
				61	83	34	36	24		0.05	20	0	20		0	360	30	270
				40	90	0	0	0	0	10	50	0	0	0	0	10	0	
8439223	GRÖNST	102.470	36.300	44.24	1.47	13.63	12.60	0.20	5.89	8.58	3.27	0.49	0.14					95.70
				63	100	115	48	21		0.00	230	10	15		0	310	20	160
				50	110	0	0	0	0	0	40	0	0	0	0	10	0	
8439225	GRÖNST	102.640	36.250	50.05	1.04	15.06	10.62	0.13	6.96	10.39	2.51	0.07	0.12					97.16
				29	77	117	34	24		0.01	280	0	14		0	320	20	300
				40	70	0	0	0	0	10	40	0	0	0	0	10	0	
8439226	GRÖNST	102.770	36.250	49.59	0.92	16.06	10.11	0.15	5.82	9.72	3.47	0.09	0.10					96.20
				34	81	79	33	18		0.01	160	40	10		0	290	20	230
				40	90	0	0	0	10	10	30	0	0	0	0	0	0	
8439227	GRÖNST	98.550	36.500	46.56	1.44	15.88	11.57	0.18	7.42	9.90	2.75	0.03	0.15					96.07
				57	102	145	38	28		0.00	300	0	20		0	360	20	170
				50	100	0	0	0	10	10	20	0	0	0	0	10	0	
8439228	GRÖNST	98.680	36.480	48.35	1.02	13.68	9.79	0.15	5.07	10.59	5.23	0.06	0.13					94.30
				44	79	176	41	26		0.01	350	10	9		0	280	20	110
				40	70	0	0	0	0	10	0	0	10	0	0	0	0	
8439229	GRÖNST	98.750	36.520	50.11	0.99	14.84	9.62	0.13	5.99	8.22	5.55	0.14	0.11					95.86
				48	82	142	36	18		0.00	260	0	13		0	250	20	80
				40	70	0	0	0	10	10	20	0	0	0	10	0	0	
8439230	GRÖNST	98.850	36.490	47.08	1.01	14.42	10.42	0.13	3.35	11.34	6.01	0.66	0.12					94.71
				49	59	133	32	24		0.00	230	10	10		0	330	30	90
				40	70	0	0	10	0	20	50	0	0	0	0	0	0	
8439231	GRÖNST	98.900	36.500	48.00	1.26	15.36	12.12	0.16	5.72	10.09	3.69	0.35	0.14					97.09
				47	93	132	40	27		0.00	210	10	15		0	410	20	230
				40	70	0	0	10	10	10	20	0	0	0	0	10	0	
8439232	GRÖNST	99.060	36.510	48.47	1.34	15.10	12.60	0.16	6.55	7.16	4.43	0.07	0.11					96.17
				51	89	80	32	17		0.00	200	0	13		0	390	20	150
				40	70	0	0	0	0	20	40	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						CXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8439233	GRÖNST	99.170	36.490	50.64	1.02	16.43	12.61	0.14	6.93	2.32	2.63	1.62	0.13						94.64
				8	220	171	36	20		0.00	340	0	29		0	320	40	20	
				40	70	0	0	0	0	10	130	0	0	0	0	10	0		
8439234	GRÖNST	99.210	36.470	47.31	1.19	16.64	8.64	0.13	7.76	10.79	3.15	0.15	0.10						96.09
				78	60	232	34	24		0.03	420	10	19		0	250	20	180	
				40	90	0	0	0	10	10	20	0	0	0	0	10	0		
8439235	GRÖNST	98.620	36.500	50.43	0.87	12.61	9.85	0.12	5.40	11.26	1.84	1.46	0.11						94.13
				49	57	170	20	23		0.00	490	10	14		0	250	40	80	
				40	60	0	0	10	10	0	20	0	0	0	0	10	0		
8439236	GRÖNST	99.300	36.500	52.10	1.30	15.99	12.65	0.11	4.35	4.48	6.58	0.06	0.30						98.62
				28	114	53	21	28		0.09	30	0	6		0	370	20	70	
				60	160	10	0	0	0	20	30	0	0	0	0	0	0		
8439237	GRÖNST	99.370	36.500	46.64	1.98	14.76	14.05	0.20	5.80	11.70	2.97	0.04	0.22						98.62
				60	99	95	39	24		0.09	130	0	7		0	420	20	270	
				50	150	10	0	10	0	20	40	0	0	0	0	10	0		
8439238	GRÖNST	99.420	36.500	49.18	1.24	16.12	12.24	0.19	5.97	5.53	4.98	0.12	0.14						95.86
				41	91	72	32	18		0.00	60	0	11		0	350	20	110	
				40	90	0	0	10	0	0	20	0	0	0	0	10	0		
8439239	GRÖNST	99.490	36.510	50.18	1.45	15.19	12.75	0.17	6.16	7.05	3.75	0.04	0.16						97.06
				42	97	63	31	22		0.00	30	0	10		0	400	20	200	
				40	100	0	0	10	10	20	0	0	10	0	0	10	0		
8439240	GRÖNST	99.540	36.520	50.95	1.24	14.43	11.12	0.14	7.20	5.96	5.20	0.06	0.14						96.59
				54	79	63	26	22		0.01	30	0	7		0	340	20	80	
				40	90	0	0	0	10	10	20	0	10	0	0	10	0		
8439241	GRÖNST	99.700	36.490	46.44	1.21	16.57	10.42	0.17	7.35	10.37	3.61	0.05	0.11						96.48
				79	73	116	45	28		0.00	300	0	9		0	280	20	300	
				40	80	0	0	0	10	0	20	0	0	0	0	0	0		
8439242	GRÖNST	99.750	36.500	47.65	1.68	13.82	12.87	0.18	6.55	7.06	4.95	0.05	0.17						95.12
				76	101	69	45	19		0.02	40	0	8		0	390	20	40	
				50	120	0	0	0	0	10	30	0	0	0	0	10	0		

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439243	GRÖNST	99.800	36.490	48.79	1.68	14.33	14.08	0.20	6.24	9.11	4.48	0.10	0.18					99.42
				74	104	76	47	24		0.10	60	0	8		0	390	10	100
				20	120	0	0	20	0	30	70	0	10	0	0	0	0	
8439244	GRÖNST	99.830	36.500	49.36	1.24	17.02	10.75	0.17	6.60	8.63	4.30	0.21	0.11					98.62
				59	94	65	34	20		0.09	160	0	11		0	290	0	210
				20	90	0	0	10	0	20	30	0	0	0	0	0	0	
8439245	GRÖNST	99.900	36.490	51.29	1.25	14.62	12.94	0.19	7.01	5.49	4.86	0.08	0.12					98.06
				11	54	69	44	18		0.11	110	0	11		50	340	20	70
				40	90	10	0	0	10	0	10	0	0	0	0	0	0	
8439247	GRÖNST	100.010	36.490	48.76	1.16	14.71	12.18	0.21	8.03	7.93	3.49	0.77	0.11					97.51
				11	51	81	36	26		0.00	110	0	9		290	310	30	120
				40	30	0	0	0	0	20	70	0	0	0	0	10	0	
8439248	GRÖNST	100.050	36.510	49.45	1.32	15.26	13.08	0.17	6.02	7.86	4.61	0.06	0.15					98.12
				8	43	69	41	16		0.00	80	0	9		30	350	20	110
				40	90	10	0	0	10	30	40	0	0	0	0	0	0	
8439249	GRÖNST	100.100	36.500	45.46	0.61	21.12	8.34	0.15	5.90	8.20	3.35	1.91	0.05					95.22
				10	51	104	34	21		0.01	260	0	15		0	130	40	110
				30	40	0	0	0	10	10	70	0	20	0	0	10	0	
8439250	GRÖNST	100.130	36.510	53.08	1.27	15.18	13.07	0.13	4.33	6.45	5.78	0.29	0.16					99.88
				11	31	53	31	19		0.00	20	0	3		50	360	20	140
				40	70	0	0	10	10	20	60	0	0	0	0	10	0	
8439251	GRÖNST	100.200	36.510	61.11	0.75	16.40	5.53	0.08	2.37	4.72	7.88	0.05	0.24					99.27
				6	19	35	13	15		0.00	10	80	3		0	80	20	120
				80	260	10	0	0	0	10	20	0	30	20	0	10	0	
8439252	GRÖNST	100.340	36.500	57.22	1.42	14.80	11.47	0.09	4.47	4.34	4.50	0.17	0.32					98.91
				10	23	43	24	16		0.00	20	10	6		20	190	20	90
				50	120	0	0	0	0	10	0	0	0	0	0	10	0	
8439253	GRÖNST	100.390	36.500	51.96	1.03	15.67	11.78	0.15	6.37	5.51	5.08	0.24	0.12					98.07
				10	43	67	41	19		0.00	40	30	7		20	320	20	170
				40	30	10	0	0	10	10	40	0	0	10	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439254	GRÖNST	100.430	36.500	48.45	0.82	16.62	9.18	0.15	7.39	10.78	3.14	0.47	0.08					97.26
				133	50	107	38	19		0.01	230	50	10		0	260	20	210
				40	70	0	0	10	0	10	40	0	0	0	0	10	0	
8439255	GRÖNST	100.540	36.520	48.10	1.56	15.13	14.98	0.12	5.62	6.35	4.43	0.07	0.37					96.93
				20	31	87	29	20		0.01	100	40	14		0	470	20	120
				50	140	10	0	10	10	10	0	0	20	10	0	0	0	
8439256	GRÖNST	100.590	36.510	48.01	1.00	14.83	9.85	0.15	6.39	10.23	4.07	0.04	0.11					94.95
				47	76	189	38	24		0.12	340	20	10		0	290	20	100
				40	70	0	0	10	0	20	20	0	0	0	0	10	0	
8439257	GRÖNST	100.630	36.500	46.11	0.92	16.03	9.45	0.14	6.80	9.18	4.27	0.11	0.10					93.31
				60	72	131	33	14		0.02	300	30	21		0	270	20	70
				40	60	0	0	0	0	10	40	0	0	0	0	10	0	
8439258	GRÖNST	100.680	36.500	47.65	1.15	16.02	10.87	0.15	8.37	8.28	2.83	0.50	0.11					96.13
				70	81	155	36	19		0.00	270	10	15		0	320	30	270
				40	80	0	0	0	10	20	40	0	0	0	0	0	0	
8439259	GRÖNST	100.740	36.510	46.69	1.58	16.83	12.97	0.16	6.61	4.96	3.59	1.13	0.17					94.89
				104	104	115	43	22		0.01	230	40	22		0	400	30	40
				50	90	0	0	0	0	10	90	0	0	0	0	10	0	
8439260	GRÖNST	100.810	36.510	46.13	1.09	14.67	9.82	0.15	6.03	10.02	3.74	0.47	0.11					92.42
				57	81	176	36	22		0.00	320	0	18		0	310	30	60
				40	70	0	0	0	10	20	20	0	0	0	0	10	0	
8439261	GRÖNST	101.010	36.550	48.98	1.12	15.72	11.50	0.16	7.79	7.93	3.47	0.03	0.11					96.99
				59	82	122	34	23		0.01	250	0	16		0	360	0	150
				20	70	0	0	20	0	10	30	0	10	0	0	0	0	
8439262	GRÖNST	101.110	36.580	49.52	1.21	15.31	11.87	0.17	6.67	8.93	4.41	0.04	0.12					98.45
				62	90	121	32	26		0.07	230	0	7		0	360	0	110
				20	70	0	0	10	0	10	10	0	10	0	0	0	0	
8439263	GRÖNST	101.160	36.590	44.44	0.91	13.84	8.18	0.16	5.38	12.43	4.33	0.10	0.12					90.04
				51	80	126	35	29		0.00	220	40	18		0	270	20	60
				30	60	0	0	0	0	20	0	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439264	GRÖNST	101.240	36.580	46.13	1.16	16.86	10.97	0.15	6.45	10.57	3.64	0.05	0.15					96.56
				55	80	112	33	23		0.46	190	30	11		0	360	20	70
				40	70	0	0	10	0	30	10	0	0	0	0	0	0	
8439265	GRÖNST	101.290	36.620	52.78	0.92	14.59	9.01	0.13	6.77	7.23	5.26	0.10	0.12					97.15
				66	76	122	30	21		0.11	270	10	8		0	250	20	50
				30	60	0	0	0	10	0	30	0	0	10	0	10	0	
8439266	GRÖNST	101.330	36.550	50.10	0.32	14.74	7.86	0.13	5.98	11.47	4.91	0.12	0.13					96.44
				61	62	144	30	19		0.00	280	0	6		0	260	20	110
				40	50	0	0	0	0	10	30	0	0	0	0	10	0	
8439267	GRÖNST	101.380	36.500	49.20	0.87	15.39	9.02	0.14	8.14	6.88	4.64	0.79	0.11					95.35
				56	90	141	31	16		0.01	260	20	14		0	260	20	50
				40	50	0	0	10	10	20	30	0	0	10	0	10	0	
8439268	GRÖNST	101.430	36.490	50.69	0.90	15.91	8.94	0.13	6.49	8.34	5.23	0.18	0.12					97.11
				47	74	138	29	21		0.00	260	0	11		0	280	20	120
				40	50	0	0	10	0	10	30	0	0	0	0	0	0	
8439269	GRÖNST	101.460	36.510	46.78	1.07	16.60	10.91	0.14	7.00	8.01	4.09	0.19	0.13					95.13
				63	94	157	45	9		0.01	310	20	21		0	350	20	130
				40	60	0	0	0	10	0	20	0	0	0	0	10	0	
8439270	GRÖNST	101.580	36.500	46.97	0.64	15.34	10.14	0.15	9.69	10.06	2.99	0.31	0.07					96.58
				75	70	162	47	18		0.00	490	30	18		0	280	20	170
				30	30	0	0	0	10	20	50	0	0	0	0	10	0	
8439271	GRÖNST	101.640	36.530	45.97	1.03	16.12	8.85	0.13	5.44	11.40	4.88	0.07	0.15					94.23
				48	77	146	45	17		0.00	300	30	11		0	340	20	130
				40	60	0	0	0	0	10	30	0	0	0	0	10	0	
8439272	GRÖNST	101.680	36.510	53.85	0.83	14.18	8.64	0.12	5.94	8.97	5.42	0.06	0.11					98.29
				52	71	135	35	16		0.00	270	0	7		0	250	20	80
				30	50	0	0	0	0	30	40	0	0	0	0	10	0	
8439273	GRÖNST	101.720	36.500	46.66	0.97	14.61	11.08	0.21	10.71	5.70	2.35	0.25	0.12					92.91
				52	32	265	49	9		0.01	640	30	27		0	300	20	90
				40	50	0	0	0	0	10	30	0	20	10	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439274	GRÖNST	101.820	36.510	61.44	0.93	13.10	10.24	0.11	3.43	4.68	4.92	0.10	0.14					99.23
				39	84	33	22	6		0.01	30	30	9		0	370	20	50
				40	50	0	10	0	0	10	20	0	0	0	0	10	0	
8439275	GRÖNST	101.890	36.510	47.94	1.58	15.11	15.98	0.12	7.07	4.47	2.50	0.36	0.15					95.66
				51	122	48	61	10		0.32	10	50	13		0	510	30	160
				50	90	10	0	0	0	10	50	0	0	20	0	10	0	
8439276	GRÖNST	101.930	36.510	57.04	1.46	16.12	11.35	0.10	3.99	2.76	6.35	0.06	0.24					99.61
				41	107	45	34	15		0.01	10	10	8		0	470	20	50
				50	30	0	10	0	0	0	10	0	10	0	0	0	0	
8439277	GRÖNST	101.980	36.510	64.17	0.94	12.60	8.76	0.07	3.95	3.36	3.38	0.16	0.18					97.86
				113	87	37	17	64		0.18	30	90	22		0	290	20	90
				40	50	10	140	20	0	10	40	0	0	20	0	10	0	
8439278	GRÖNST	102.040	36.510	53.15	1.52	15.68	11.74	0.15	3.98	6.53	5.81	0.07	0.25					99.07
				18	95	39	25	13		0.10	10	50	8		0	400	20	60
				50	110	0	0	0	10	20	40	0	0	0	0	10	0	
8439279	GRÖNST	102.080	36.510	48.10	1.30	16.07	12.01	0.15	8.06	5.83	4.07	0.63	0.14					96.60
				52	101	174	41	9		0.04	320	30	19		0	330	20	120
				50	80	0	0	0	0	30	60	0	0	10	0	0	0	
8439280	GRÖNST	102.130	36.490	49.95	1.73	15.70	13.48	0.17	5.99	5.94	4.54	0.09	0.24					98.14
				31	113	48	36	12		0.23	20	10	13		0	460	20	70
				60	130	10	0	0	10	30	20	0	10	0	0	0	0	
8439281	GRÖNST	102.170	36.500	60.67	1.29	14.37	10.55	0.12	4.24	1.89	4.36	0.43	0.21					98.25
				10	105	46	18	11		0.01	30	90	14		0	200	20	50
				50	140	10	0	10	0	10	30	0	10	20	0	0	0	
8439282	GRÖNST	102.210	36.550	56.07	1.33	17.63	9.54	0.09	3.50	3.38	7.13	0.10	0.33					99.28
				40	84	51	16	15		0.07	20	0	8		0	230	20	70
				60	140	0	0	0	0	20	30	0	0	0	0	10	0	
8439283	GRÖNST	102.270	36.510	51.19	1.43	15.18	9.48	0.17	7.02	7.45	4.55	0.22	0.18					97.05
				78	92	91	47	9		0.00	240	30	11		0	330	20	90
				40	100	10	0	0	0	20	40	0	0	20	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439284	GRÖNST	102.360	36.500	49.19	1.34	14.83	10.59	0.20	3.82	9.12	5.43	0.11	0.19					95.00
				30	85	48	24	13		0.06	10	30	11		0	390	20	100
				40	90	0	0	0	0	20	10	0	0	10	0	10	0	
8439285	GRÖNST	102.410	36.490	51.24	1.41	16.18	9.97	0.17	6.40	8.91	4.42	0.16	0.14					99.18
				60	89	101	36	6		0.00	220	50	10		0	310	20	140
				40	100	0	0	0	10	20	20	0	0	0	0	0	0	
8439286	GRÖNST	99.590	36.490	48.46	1.33	15.71	12.24	0.18	7.44	7.33	4.71	0.04	0.13					98.90
				65	103	90	35	10		2.00	80	30	9		0	390	20	90
				40	90	10	0	10	10	10	40	0	0	10	0	0	0	
8439287	GRÖNST	100.250	36.500	51.06	1.21	14.86	12.87	0.14	5.11	7.71	4.66	0.25	0.13					98.16
				9	44	66	32	6		0.00	20	0	4		140	410	20	160
				40	60	0	0	0	10	20	30	0	0	0	0	0	0	
8439288	GRÖNST	100.470	36.520	49.65	0.64	14.32	8.19	0.15	9.08	12.07	2.87	0.18	0.05					97.43
				64	52	155	30	10		0.02	460	60	8		10	230	20	100
				30	40	10	0	0	0	10	40	0	0	10	0	0	0	
8439289	GRÖNST	98.510	37.030	45.10	1.40	16.36	12.64	0.19	9.05	8.13	2.90	0.51	0.16					96.76
				67	109	73	43	17		0.13	250	10	21		0	390	30	350
				40	90	0	0	0	10	30	210	0	0	0	0	0	0	
8439290	GRÖNST	98.610	37.030	52.17	1.05	14.68	9.71	0.14	6.01	7.30	4.85	0.11	0.11					96.36
				41	88	135	44	17		0.01	340	50	13		0	280	20	90
				40	70	0	0	0	10	20	20	0	0	10	0	10	0	
8439291	GRÖNST	98.660	36.990	46.49	1.09	14.57	9.48	0.16	7.09	9.53	4.67	0.16	0.11					93.51
				44	80	56	30	17		0.00	190	10	16		0	320	20	60
				40	60	0	0	10	10	20	10	0	0	0	0	10	0	
8439292	GRÖNST	98.730	37.000	47.42	0.97	14.73	9.09	0.13	6.46	9.59	4.30	0.82	0.13					93.84
				45	81	52	29	20		0.00	160	30	13		0	310	30	80
				40	60	0	0	0	0	10	40	0	0	10	0	10	0	
8439293	GRÖNST	98.800	36.980	48.00	1.21	15.40	10.99	0.18	7.19	10.22	3.49	0.21	0.11					97.26
				55	84	102	40	20		0.06	270	20	14		0	340	20	230
				40	60	0	0	0	0	20	0	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439294	GRÖNST	98.890	36.990	49.53	1.12	16.66	11.04	0.16	7.48	6.31	4.64	0.04	0.08					97.28
				39	37	80	38	15		0.00	260	30	16		0	340	20	130
				40	60	0	0	0	0	10	20	0	0	0	0	0	0	
8439295	GRÖNST	98.960	37.040	49.21	1.52	15.13	11.58	0.18	9.94	4.74	4.02	0.70	0.14					97.39
				30	96	185	41	23		0.01	440	0	14		0	340	30	50
				50	140	0	0	0	10	30	30	0	0	0	0	10	0	
8439296	GRÖNST	99.070	37.000	55.70	1.25	14.95	7.39	0.11	3.15	6.80	6.14	0.30	0.15					96.63
				65	86	49	46	30		0.73	80	20	8		0	370	20	130
				40	80	0	0	0	0	20	10	0	0	10	0	0	0	
8439297	GRÖNST	99.280	37.040	53.89	1.29	15.51	11.02	0.29	6.19	5.08	5.47	0.05	0.13					99.10
				76	151	31	31	17		0.01	70	0	7		0	340	20	90
				40	90	0	0	0	0	20	0	0	0	10	0	0	0	
8439298	GRÖNST	99.320	36.950	51.31	1.34	13.18	11.85	0.47	7.43	8.36	3.79	0.04	0.12					98.45
				107	264	31	42	22		0.64	100	20	5		0	310	10	240
				40	90	0	0	0	0	20	20	0	0	0	0	0	0	
8439299	GRÖNST	99.420	36.890	51.30	1.35	17.19	11.07	0.35	6.08	5.97	5.53	0.10	0.12					99.70
				120	1000	27	29	19		0.59	190	20	8		0	300	20	110
				40	100	0	0	0	10	20	20	0	0	0	0	10	0	
8439300	GRÖNST	99.490	36.990	51.57	1.32	14.45	12.48	0.35	6.60	5.67	4.77	0.08	0.14					97.60
				35	100	35	34	15		0.00	70	10	5		0	350	10	130
				40	90	0	0	10	0	20	40	0	10	0	0	10	0	
8439301	GRÖNST	99.560	36.990	68.17	0.64	11.83	11.81	0.07	1.49	0.85	3.47	0.10	0.24					98.76
				28	25	25	39	16		0.00	30	90	15		0	40	20	10
				60	190	0	0	0	0	10	10	0	10	10	0	0	0	
8439302	GRÖNST	99.650	36.990	49.14	1.58	14.86	13.33	0.17	5.73	8.23	4.30	0.04	0.15					98.37
				173	49	35	71	22		1.15	20	10	8		40	390	10	80
				40	100	0	10	10	10	20	40	0	0	0	0	10	0	
8439303	GRÖNST	99.710	37.000	46.53	0.97	15.75	13.47	0.13	6.83	8.76	3.54	0.07	0.09					96.27
				17	45	61	43	18		0.01	130	20	9		0	330	20	100
				30	60	0	10	10	0	40	40	0	0	10	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439304	GRÖNST	99.780	37.010	49.98	1.08	14.67	11.31	0.16	6.03	9.88	3.76	0.04	0.10					97.15
				17	57	47	34	22		0.01	110	0	5		110	330	10	50
				40	70	0	10	0	0	20	10	0	0	10	0	0	0	
8439305	GRÖNST	99.830	37.010	48.26	1.32	14.77	11.57	0.15	7.07	10.22	3.31	0.10	0.13					97.06
				12	39	58	43	19		0.00	280	40	7		10	320	10	160
				40	90	0	0	0	10	10	30	0	0	0	0	10	0	
8439306	GRÖNST	99.940	37.000	48.97	1.83	13.46	14.03	0.14	5.55	9.92	3.51	0.05	0.17					97.80
				12	53	38	44	21		0.01	30	0	3		120	430	20	60
				50	130	0	0	0	10	20	0	0	0	0	0	10	0	
8439307	GRÖNST	100.010	37.000	57.05	1.17	15.41	10.39	0.10	3.06	4.75	7.30	0.08	0.23					99.67
				10	31	19	20	17		0.01	30	30	3		60	230	20	110
				50	120	0	0	10	0	0	0	0	20	10	0	10	0	
8439308	GRÖNST	100.100	37.000	55.82	1.53	16.54	7.41	0.09	5.00	4.38	6.96	0.07	0.21					98.18
				10	28	33	27	13		0.03	20	20	6		30	460	10	60
				50	110	0	0	0	0	20	0	0	20	0	0	0	0	
8439318	GRÖNST	101.070	37.000	51.90	0.96	15.96	9.12	0.13	7.26	5.71	5.06	0.06	0.12					96.42
				36	63	82	36	15		0.01	210	20	11		0	290	10	110
				30	60	0	0	0	0	10	40	0	0	0	0	0	0	
8439319	GRÖNST	101.110	36.960	50.27	0.39	15.63	10.12	0.14	8.31	5.80	4.92	0.06	0.12					96.44
				52	82	142	40	16		0.01	310	10	13		0	260	20	60
				30	50	0	0	0	10	10	20	0	10	0	0	10	0	
8439320	GRÖNST	101.190	36.990	51.69	1.00	15.40	9.56	0.12	8.33	5.37	4.81	0.10	0.11					96.70
				54	88	139	44	20		0.04	360	20	14		0	250	20	100
				30	50	0	0	0	10	20	20	0	0	0	0	10	0	
8439321	GRÖNST	101.320	36.980	47.47	0.92	14.60	9.46	0.15	6.66	8.68	4.55	0.25	0.12					93.09
				56	81	142	37	17		0.09	380	20	12		0	310	20	60
				30	50	0	0	0	0	10	20	0	0	10	0	10	0	
8439322	GRÖNST	101.370	36.980	45.76	0.88	13.40	11.98	0.17	13.34	5.22	2.94	0.26	0.10					94.38
				56	96	447	59	13		0.00	1170	0	19		0	280	20	20
				30	40	0	0	10	10	0	60	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439323	GRÖNST	101.430	36.990	49.00	0.59	14.06	8.41	0.21	10.65	8.35	3.48	0.64	0.08					95.66
				80	64	123	34	15		0.04	340	0	18		0	230	20	60
				30	30	0	0	0	0	10	90	0	0	0	0	0	0	
8439324	GRÖNST	101.480	36.960	54.43	0.65	17.54	6.65	0.09	3.36	8.19	6.69	0.09	0.09					98.01
				71	60	78	34	17		0.13	140	30	8		0	220	20	100
				30	40	0	0	0	0	20	30	0	0	0	0	10	0	
8439325	GRÖNST	101.510	37.070	48.90	1.44	16.94	9.26	0.14	4.76	10.16	3.19	0.24	0.19					95.43
				65	103	142	42	18		0.01	270	60	14		0	400	20	170
				40	90	0	0	10	10	10	30	0	0	0	0	10	0	
8439326	GRÖNST	101.560	37.100	47.19	1.73	13.90	12.81	0.09	6.34	2.73	4.83	1.21	0.17					96.24
				44	149	103	66	17		0.00	410	0	20		0	410	30	50
				50	120	0	0	0	10	20	60	0	0	0	0	10	0	
8439327	GRÖNST	101.620	37.100	47.57	1.20	18.14	9.75	0.14	5.68	9.11	4.21	0.37	0.11					96.46
				77	82	86	37	24		0.00	280	20	12		0	260	20	140
				40	90	0	0	0	0	10	40	0	0	0	0	10	0	
8439328	GRÖNST	101.670	37.090	47.35	1.32	16.47	11.05	0.17	7.26	9.26	3.97	0.08	0.11					97.27
				85	88	91	39	18		0.06	300	40	11		0	290	20	160
				40	90	0	0	10	0	20	30	0	0	0	0	10	0	
8439329	GRÖNST	101.710	37.010	47.11	1.49	16.14	11.92	0.17	5.52	10.46	3.35	0.05	0.14					96.55
				86	97	93	42	14		0.00	200	40	10		0	330	10	170
				40	110	0	0	10	0	0	10	0	0	0	0	10	0	
8439330	GRÖNST	101.770	37.000	50.93	1.45	16.10	14.08	0.16	4.97	5.73	5.92	0.06	0.19					99.74
				36	101	28	25	14		0.00	0	30	8		0	480	20	80
				40	80	0	0	10	10	10	0	0	0	0	0	0	0	
8439331	GRÖNST	101.850	36.960	46.84	1.03	14.06	10.12	0.22	8.04	10.31	3.79	0.51	0.12					95.21
				50	86	95	31	15		0.01	260	30	14		0	310	20	90
				30	60	0	0	10	10	0	40	0	0	0	0	0	0	
8439332	GRÖNST	101.890	36.910	47.40	1.24	15.94	12.37	0.18	5.24	7.94	4.81	0.06	0.17					95.56
				40	116	43	31	11		0.08	40	20	7		0	400	20	70
				40	60	0	0	0	10	0	10	0	10	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439333	GRÖNST	102.010	36.900	45.55	1.25	16.24	12.27	0.18	7.73	8.99	3.50	0.06	0.14					96.13
				79	107	61	39	18		0.10	180	20	10		0	330	20	80
				40	30	0	0	0	0	10	20	0	0	10	0	10	0	
8439334	GRÖNST	102.070	36.870	50.66	1.03	16.74	12.15	0.10	5.95	2.81	4.64	0.47	0.05					94.76
				14	108	102	29	18		0.00	280	10	12		0	230	20	50
				30	60	0	0	0	0	20	40	0	0	0	0	10	0	
8439335	GRÖNST	102.020	37.070	50.93	1.47	16.10	14.43	0.12	7.47	3.32	2.73	0.74	0.13					97.65
				46	115	31	29	16		0.05	10	10	22		0	470	30	120
				50	110	0	0	10	10	20	40	0	0	0	0	0	0	
8439336	GRÖNST	102.200	37.010	53.49	1.21	14.75	12.82	0.13	5.71	4.76	3.90	0.03	0.16					97.13
				32	116	31	25	11		0.01	10	20	17		0	400	20	120
				40	30	0	0	10	10	10	30	0	0	0	0	0	0	
8439337	GRÖNST	102.230	37.000	66.16	1.02	12.85	8.32	0.08	3.47	3.41	3.56	0.21	0.26					99.47
				16	88	29	4	15		0.01	30	50	10		0	150	20	120
				60	110	0	0	0	10	0	0	0	0	10	0	10	0	
8439338	GRÖNST	102.260	36.990	45.77	1.85	14.84	13.30	0.21	6.22	12.08	2.17	0.05	0.18					96.86
				49	103	90	34	19		0.00	220	30	8		0	390	20	200
				50	150	0	0	0	0	10	10	0	10	10	0	0	0	
8439339	GRÖNST	102.310	37.030	49.38	1.26	16.69	9.84	0.15	5.98	10.68	3.54	0.12	0.16					97.97
				35	79	69	24	17		0.01	210	30	11		0	280	20	180
				40	90	0	0	0	0	0	40	0	0	0	0	10	0	
8439340	GRÖNST	102.370	37.010	48.53	1.48	15.51	11.72	0.17	6.31	9.67	2.68	0.41	0.13					96.83
				80	110	79	34	17		0.00	190	20	12		0	330	20	210
				40	110	0	0	10	10	30	30	0	0	0	0	0	0	
8439341	GRÖNST	102.460	37.010	46.74	1.43	16.11	11.07	0.20	6.15	11.34	3.11	0.35	0.13					96.85
				68	96	86	34	18		0.01	350	10	10		0	350	20	190
				40	90	0	0	0	0	30	20	0	0	0	0	10	0	
8439342	GRÖNST	102.510	37.000	51.84	1.15	15.77	10.84	0.13	4.52	6.72	5.88	0.28	0.14					98.28
				61	88	46	25	17		1.43	40	10	8		0	370	20	70
				40	70	0	0	0	0	20	30	0	0	0	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439343	GRÖNST	102.610	37.060	48.08	1.04	14.74	10.38	0.15	5.73	10.46	4.13	0.27	0.12					95.43
				49	77	69	24	24		0.15	100	20	8		C	360	20	210
				40	60	0	0	0	10	20	40	0	0	0	0	10	0	
8439344	GRÖNST	102.660	37.040	48.64	1.26	16.95	10.98	0.15	8.47	5.14	4.27	0.29	0.14					96.49
				69	120	94	31	10		0.00	220	0	23		0	370	20	150
				40	70	0	0	0	10	10	10	0	0	0	0	10	0	
8439345	GRÖNST	102.780	37.000	48.39	1.41	15.14	11.14	0.17	7.66	9.98	3.44	0.06	0.13					97.77
				33	108	106	19	27		0.03	260	10	10		0	350	20	340
				50	90	0	0	0	0	20	30	0	0	10	0	10	0	
8439346	GRÖNST	98.390	37.500	38.97	1.26	16.35	14.17	0.16	9.30	6.51	2.55	0.13	0.15					89.92
				42	126	352	51	22		0.00	870	0	44		0	330	20	120
				40	30	0	0	0	10	30	30	0	0	0	0	0	0	
8439347	GRÖNST	98.440	37.450	47.68	1.66	16.04	11.78	0.18	7.18	8.66	4.12	0.14	0.25					97.90
				51	93	104	25	14		0.01	230	30	13		0	390	20	140
				40	130	0	0	10	0	20	30	0	0	0	0	0	0	
8439348	GRÖNST	98.490	37.530	47.86	1.32	16.27	10.69	0.15	6.29	8.40	5.03	0.20	0.16					96.56
				55	100	113	30	16		0.01	250	10	17		0	360	20	100
				40	70	0	0	10	0	10	40	0	0	0	0	0	0	
8439349	GRÖNST	98.550	37.570	45.86	1.19	16.42	11.90	0.18	6.29	10.31	3.56	0.43	0.11					96.44
				49	90	106	41	15		0.01	190	20	15		0	440	20	130
				40	60	0	0	0	0	10	30	0	0	0	0	0	0	
8439350	GRÖNST	98.600	37.570	48.40	1.33	16.94	12.12	0.16	7.47	6.16	4.06	0.29	0.15					97.29
				37	104	111	53	19		0.01	210	10	19		0	470	20	170
				40	70	0	0	0	10	30	20	0	0	0	0	0	0	
8439351	GRÖNST	98.670	37.590	48.34	1.31	15.85	11.54	0.17	8.00	8.67	3.31	0.05	0.11					97.58
				45	94	126	41	19		0.03	230	10	12		0	360	20	250
				40	80	0	0	0	0	0	40	0	0	0	0	0	0	
3439352	GRÖNST	98.740	37.560	51.99	0.82	14.78	8.84	0.15	9.68	7.46	3.15	1.55	0.16					98.86
				29	71	288	37	14		0.01	620	30	11		70	190	30	100
				40	110	0	10	0	0	20	170	0	10	0	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439353	GRÖNST	98.870	37.450	53.45	1.90	16.34	10.38	0.12	3.23	4.52	6.29	0.12	0.25					96.81
				50	99	56	39	16		0.01	30	20	8		0	370	20	90
				50	160	0	0	0	0	20	10	0	10	10	0	0	0	
8439354	GRÖNST	99.010	37.580	50.90	1.55	14.91	13.35	0.24	6.18	5.65	5.36	0.09	0.16					98.60
				49	84	53	38	10		0.09	20	0	8		0	390	20	130
				40	100	0	0	0	10	0	30	0	0	10	0	10	0	
8439355	GRÖNST	99.110	37.560	47.43	1.45	14.61	13.73	0.26	7.60	8.19	3.41	0.36	0.13					97.35
				98	87	77	47	13		0.00	100	10	8		0	360	20	130
				40	100	0	0	0	10	0	60	0	0	0	0	10	0	
8439356	GRÖNST	99.150	37.500	44.53	1.42	14.38	14.57	0.27	7.84	11.04	1.90	0.04	0.13					96.33
				22	93	74	34	15		0.02	90	0	7		50	360	20	310
				40	90	0	0	0	10	10	0	0	0	0	0	10	0	
8439357	GRÖNST	99.200	37.590	48.35	1.31	14.69	12.42	0.20	7.29	11.17	2.79	0.26	0.11					98.79
				12	64	94	38	14		0.00	220	10	5		250	320	20	160
				40	90	0	0	10	10	30	20	0	0	0	0	10	0	
8439358	GRÖNST	99.270	37.530	49.11	1.45	14.00	13.71	0.18	7.87	7.13	3.75	0.07	0.13					97.60
				29	71	79	50	7		0.03	80	10	7		160	350	20	90
				40	90	0	0	0	10	10	30	0	0	0	0	10	0	
8439359	GRÖNST	99.340	37.470	47.12	1.92	14.33	12.37	0.15	6.67	10.87	2.28	0.02	0.22					96.14
				20	44	78	36	16		0.04	110	30	9		0	410	20	180
				40	150	0	0	10	0	0	10	0	0	0	0	0	0	
8439360	GRÖNST	99.390	37.500	48.24	1.21	14.24	14.83	0.18	7.81	5.95	2.25	0.12	0.10					95.10
				11	72	128	51	8		0.00	270	20	12		0	330	20	20
				40	80	0	0	0	10	10	20	0	10	0	0	10	0	
8439361	GRÖNST	99.440	37.480	48.32	1.64	13.97	13.14	0.17	6.61	12.35	2.26	0.05	0.13					98.84
				16	50	88	40	12		0.01	200	40	4		190	370	20	150
				40	110	0	0	0	0	20	0	0	0	0	0	10	0	
8439362	GRÖNST	99.500	37.490	50.05	0.92	15.61	10.99	0.16	7.36	9.74	3.24	0.34	0.09					98.66
				12	35	90	43	16		0.00	140	20	9		160	310	20	120
				30	50	0	0	10	10	20	40	0	0	10	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439363	GRÖNST	99.550	37.510	49.29	1.56	14.40	12.77	0.16	6.59	8.94	3.88	0.04	0.13					97.94
				15	51	130	43	10		0.00	190	20	5		90	330	20	90
				40	110	0	0	10	0	20	0	0	0	0	0	0	0	
8439364	GRÖNST	99.600	37.490	53.72	1.47	15.60	11.92	0.12	4.64	5.90	5.88	0.05	0.16					99.61
				98	36	48	32	7		0.00	10	30	3		80	390	20	110
				40	80	0	0	0	0	20	10	0	0	0	0	0	0	
8439365	GRÖNST	99.660	37.510	51.35	0.98	15.05	11.17	0.14	7.34	9.04	4.35	0.04	0.09					99.71
				11	49	116	44	10		0.01	270	10	6		120	320	20	50
				40	60	0	0	10	10	0	20	0	0	0	0	10	0	
8439371	GRÖNST	99.920	37.500	49.39	1.43	15.15	13.30	0.20	7.45	7.87	3.62	0.05	0.14					98.78
				9	57	105	40	11		0.01	260	30	5		10	390	20	70
				40	100	0	0	0	0	30	20	0	0	0	0	10	0	
8439380	GRÖNST	100.790	37.520	48.39	0.98	16.11	10.48	0.16	6.21	9.60	2.61	0.42	0.12					95.28
				54	87	123	36	11		0.00	240	30	23		0	330	20	120
				40	60	0	0	0	0	0	80	0	0	0	0	10	0	
8439381	GRÖNST	100.980	37.470	47.05	1.19	16.10	11.72	0.15	7.20	9.72	3.04	0.10	0.11					96.63
				39	91	105	45	39		0.09	240	20	14		0	360	20	150
				40	60	0	0	10	10	10	30	0	0	0	0	10	0	
8439382	GRÖNST	101.020	37.500	47.60	1.27	16.44	11.45	0.17	6.92	9.29	3.84	0.08	0.11					97.37
				60	94	126	45	22		0.01	260	30	13		0	380	20	110
				40	70	0	0	0	10	10	50	0	0	0	0	10	0	
8439383	GRÖNST	101.090	37.500	51.12	1.18	16.74	10.28	0.08	2.65	9.86	5.11	0.24	0.23					97.68
				11	96	92	33	16		0.01	250	20	11		0	450	20	80
				40	70	0	0	0	0	20	20	0	0	0	0	10	0	
8439384	GRÖNST	101.140	37.500	45.54	1.07	16.73	10.37	0.15	6.51	9.76	4.44	0.06	0.14					94.93
				46	38	82	44	13		0.01	180	20	16		0	360	20	90
				40	60	0	0	0	0	10	40	0	0	0	0	10	0	
8439385	GRÖNST	101.250	37.560	48.03	0.88	14.29	10.55	0.15	12.16	6.84	2.93	0.80	0.10					96.98
				50	81	230	50	13		0.02	670	10	26		0	290	20	40
				40	40	0	0	0	10	20	100	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439386	GRÖNST	101.330	37.520	48.59	1.45	16.23	11.98	0.17	6.91	8.50	3.94	0.04	0.15					98.16
				60	88	112	41	6		0.04	250	30	13		0	390	20	120
				40	90	0	0	0	10	10	30	0	0	10	0	10	0	
8439387	GRÖNST	101.380	37.500	41.45	1.34	15.68	11.24	0.17	6.37	11.19	4.04	0.33	0.13					92.14
				81	96	79	48	8		0.04	320	0	19		0	320	20	50
				40	100	0	0	10	0	30	20	0	0	0	0	0	0	
8439388	GRÖNST	101.470	37.520	46.27	1.09	13.77	8.65	0.12	5.08	11.42	3.39	0.42	0.11					95.50
				59	64	92	41	11		0.01	260	20	15		0	260	20	210
				30	70	0	0	10	0	0	20	0	0	0	0	10	0	
8439389	GRÖNST	101.740	37.560	49.43	2.17	22.81	11.28	0.04	2.59	2.41	3.56	5.09	0.08					99.74
				17	191	58	77	16		0.02	10	0	14		0	980	80	30
				50	120	0	0	10	0	20	110	0	0	0	0	0	0	
8439390	GRÖNST	101.790	37.500	46.91	1.39	15.63	12.77	0.20	3.43	10.44	4.63	0.22	0.18					95.99
				36	113	30	36	7		0.05	20	10	10		0	480	20	70
				40	80	0	0	0	0	40	80	0	0	0	0	0	0	
8439391	GRÖNST	101.830	37.500	46.83	1.35	16.19	12.81	0.19	8.93	6.58	2.08	2.48	0.14					97.80
				20	118	132	37	7		0.02	340	20	22		0	390	40	80
				50	80	0	0	0	0	10	290	0	0	0	0	10	0	
8439392	GRÖNST	101.880	37.460	63.31	1.30	13.08	9.16	0.13	2.42	4.38	5.16	0.28	0.18					99.55
				16	74	24	27	3		0.03	10	30	5		0	300	20	60
				40	90	0	0	0	10	30	90	0	0	10	0	10	0	
8439393	GRÖNST	101.930	37.410	50.09	1.39	14.86	13.40	0.17	6.31	8.79	1.51	1.16	0.09					98.03
				52	81	59	38	13		0.18	50	0	13		0	420	30	250
				40	80	0	0	10	0	20	90	0	0	0	0	0	0	
8439394	GRÖNST	102.160	37.530	51.36	1.43	16.54	11.02	0.18	7.15	6.74	4.99	0.09	0.15					99.84
				55	99	78	40	0		0.06	180	10	12		0	330	20	140
				40	110	0	0	0	0	0	0	0	10	0	0	10	0	
8439395	GRÖNST	102.220	37.490	43.21	1.80	15.34	14.45	0.21	9.17	7.38	1.53	1.99	0.12					95.42
				122	114	71	48	3		0.03	70	0	22		0	500	40	120
				50	110	0	0	10	0	20	70	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439396	GRÖNST	102.470	37.400	61.41	0.38	15.75	6.72	0.11	3.65	5.12	4.80	1.00	0.12					99.72
				39	69	54	27	6		0.02	130	20	10		0	210	30	200
				40	110	0	0	0	10	10	110	0	0	10	0	10	0	
8439397	GRÖNST	102.540	37.520	49.40	1.27	15.53	11.47	0.16	8.24	5.73	4.70	0.08	0.16					96.92
				42	102	123	44	3		0.03	240	0	14		0	290	20	90
				40	80	0	0	10	0	20	30	0	10	0	0	10	0	
8439398	GRÖNST	102.600	37.480	50.10	1.39	16.18	11.05	0.14	6.65	7.19	4.33	0.28	0.15					97.69
				32	99	127	6	4		0.07	270	20	11		0	370	20	120
				50	90	0	0	0	0	20	30	0	0	10	0	0	0	
8439399	GRÖNST	98.310	38.000	46.40	1.41	16.81	13.11	0.16	8.37	5.49	4.17	0.02	0.14					96.29
				55	109	164	26	7		0.00	300	0	23		0	390	20	260
				40	90	0	0	10	10	10	20	0	0	0	0	0	0	
8439400	GRÖNST	98.400	37.980	47.04	1.21	15.80	10.97	0.17	7.43	6.83	3.25	1.18	0.13					94.18
				54	88	98	15	0		0.00	210	0	29		0	400	30	80
				40	70	0	0	0	10	20	60	0	0	0	0	0	0	
8439401	GRÖNST	98.500	37.960	52.35	1.35	17.49	10.65	0.18	7.38	3.06	5.82	0.34	0.16					98.96
				55	114	122	64	13		0.00	230	0	19		0	320	20	90
				40	70	0	0	0	0	20	60	0	0	0	0	0	0	
8439402	GRÖNST	98.550	37.960	46.94	1.28	16.31	11.78	0.17	8.06	8.05	3.55	0.53	0.11					96.98
				34	92	131	45	10		0.02	250	0	16		0	380	20	180
				40	80	0	0	10	10	20	50	0	0	10	0	0	0	
8439403	GRÖNST	98.630	37.970	44.26	0.94	14.44	9.91	0.24	6.98	10.78	4.51	0.06	0.10					92.41
				52	93	177	39	10		0.02	360	40	21		0	290	20	110
				30	60	0	0	0	0	20	30	0	0	0	0	10	0	
8439404	GRÖNST	98.780	37.950	51.46	1.25	17.34	13.05	0.14	4.00	3.77	6.72	0.11	0.15					98.19
				53	123	40	41	14		0.04	20	10	12		0	520	20	80
				40	70	0	0	0	10	10	30	0	0	0	0	10	0	
8439405	GRÖNST	98.800	37.940	50.62	2.05	17.66	15.31	0.10	4.59	2.40	6.62	0.05	0.27					99.91
				25	153	18	44	5		0.10	0	10	10		0	540	20	60
				60	140	0	0	0	10	20	20	0	20	0	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439406	GRÖNST	98.880	37.890	46.85	1.58	14.27	12.61	0.39	7.85	6.26	3.36	0.04	0.15					93.77
				71	106	62	48	10		0.50	100	0	13		0	370	20	60
				50	110	0	0	0	10	0	10	0	0	10	0	10	0	
8439407	GRÖNST	99.030	37.960	50.55	1.45	15.69	15.10	0.22	6.20	4.86	5.20	0.28	0.16					99.88
				5	84	63	33	10		0.01	60	10	8		30	370	20	160
				50	110	0	0	10	0	20	70	0	0	0	0	10	0	
8439408	GRÖNST	99.080	38.000	50.19	1.28	15.94	13.04	0.21	6.42	5.83	4.78	0.05	0.12					98.05
				5	253	56	43	13		0.01	70	0	9		10	370	20	270
				40	90	0	0	10	10	40	10	0	0	0	0	0	0	
8439409	GRÖNST	99.140	38.020	50.25	1.34	14.61	12.61	0.19	7.82	8.15	3.77	0.58	0.12					99.64
				13	103	69	40	7		0.02	270	10	8		170	330	20	160
				40	90	0	0	10	0	20	30	0	0	0	0	10	0	
8439410	GRÖNST	99.170	38.040	46.67	1.11	16.46	11.55	0.20	8.76	6.65	4.08	0.48	0.11					96.23
				6	81	97	50	7		0.00	290	0	13		10	270	20	120
				40	70	0	0	10	10	20	60	0	0	0	0	10	0	
8439411	GRÖNST	99.220	38.030	48.87	1.38	13.30	13.65	0.22	7.36	6.86	4.20	0.06	0.13					96.19
				8	135	69	54	12		0.00	90	0	6		110	310	20	80
				40	90	0	0	0	0	20	30	0	0	0	0	10	0	
8439412	GRÖNST	99.270	38.050	52.66	1.38	15.43	13.74	0.19	4.77	6.28	4.89	0.06	0.14					99.73
				59	88	38	32	13		0.07	20	0	5		30	410	20	200
				40	80	0	0	0	0	0	0	0	0	0	0	0	0	
8439413	GRÖNST	99.330	38.050	49.06	1.34	14.44	12.48	0.20	7.41	10.06	3.27	0.30	0.13					98.86
				10	75	64	39	14		0.00	280	10	5		60	340	20	160
				40	90	10	0	10	0	10	30	0	0	0	0	10	0	
8439414	GRÖNST	99.400	38.040	48.67	1.44	15.01	12.30	0.21	7.92	8.57	3.11	0.87	0.13					98.42
				24	57	81	41	4		0.01	300	10	6		110	320	30	150
				40	100	0	0	0	0	10	70	0	0	0	0	0	0	
8439415	GRÖNST	99.440	38.010	47.23	1.40	14.08	12.11	0.18	7.19	12.39	2.19	0.26	0.12					97.34
				57	66	77	35	8		0.03	230	40	6		20	330	20	130
				40	100	0	0	0	10	40	40	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439416	GRÖNST	99.490	38.020	49.83	1.42	14.09	13.45	0.19	6.54	8.15	4.16	0.12	0.13					98.23
				17	48	71	45	10		0.01	90	10	5		200	350	20	70
				40	100	0	0	0	0	0	10	0	10	0	0	10	0	
8439417	GRÖNST	99.510	38.020	48.24	1.40	14.90	11.71	0.22	7.38	10.17	2.98	0.44	0.13					97.76
				17	61	76	34	6		0.00	300	0	8		40	320	20	180
				40	100	0	0	0	10	0	40	0	0	10	0	10	0	
8439418	GRÖNST	99.570	38.050	48.37	1.61	15.32	13.08	0.21	7.49	8.11	3.52	0.60	0.16					98.65
				18	74	101	30	9		0.01	230	10	9		80	340	20	70
				50	120	0	0	0	10	20	50	0	0	0	0	10	0	
8439419	GRÖNST	99.670	37.980	54.35	1.44	14.97	10.79	0.14	4.73	7.31	5.77	0.05	0.15					99.87
				20	61	48	27	9		0.00	20	0	5		80	420	20	140
				40	90	0	0	0	10	20	10	0	0	10	0	0	0	
8439420	GRÖNST	99.760	37.990	50.71	1.07	15.04	12.70	0.18	7.29	6.57	4.63	0.05	0.10					98.53
				10	39	86	36	14		0.04	280	0	9		140	340	20	60
				40	70	0	0	0	0	20	40	0	0	0	0	10	0	
8439421	GRÖNST	99.810	38.050	47.42	1.16	14.84	13.07	0.17	6.45	11.83	2.86	0.04	0.11					98.10
				7	55	92	42	14		0.00	230	0	5		140	350	20	80
				40	80	0	0	10	0	10	10	0	0	0	0	10	0	
8439422	GRÖNST	99.850	38.050	53.13	1.40	15.18	15.06	0.17	4.37	4.45	5.13	0.04	0.17					99.41
				6	56	34	36	6		0.31	20	20	6		130	430	20	130
				50	110	0	0	20	10	30	40	0	0	0	0	0	0	
8439423	GRÖNST	99.860	38.070	53.57	1.65	14.84	12.42	0.16	4.87	6.07	4.85	0.09	0.15					98.84
				8	55	44	36	5		0.02	20	0	5		120	470	20	100
				50	100	0	0	0	0	10	10	0	0	0	0	10	0	
8439424	GRÖNST	99.920	38.060	47.70	1.82	13.86	14.34	0.19	6.54	10.20	3.01	0.16	0.15					98.17
				24	67	96	41	11		0.02	190	10	5		170	440	20	100
				50	130	0	0	10	10	20	10	0	0	0	0	10	0	
8439425	GRÖNST	99.950	38.010	47.15	1.41	15.44	11.68	0.17	7.94	10.82	2.63	0.59	0.13					98.15
				18	51	110	39	12		0.01	240	20	6		160	310	30	210
				40	100	0	0	10	0	10	50	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439426	GRÖNST	99.990	38.000	48.88	1.77	13.89	13.94	0.19	7.26	8.83	3.50	0.07	0.15					98.75
				25	58	107	43	6		0.01	220	0	4		670	400	20	140
				50	120	0	0	10	10	0	10	0	0	0	0	0	0	
8439427	GRÖNST	100.030	38.000	49.95	1.75	14.16	12.82	0.17	6.66	8.41	4.12	0.06	0.16					98.48
				8	43	90	35	4		0.03	170	0	5		300	420	20	120
				50	120	0	0	0	10	0	30	0	0	0	0	10	0	
8439428	GRÖNST	100.080	38.040	48.53	1.78	14.05	12.95	0.21	6.72	10.17	3.51	0.07	0.16					98.37
				39	57	86	28	12		0.09	160	10	4		50	410	20	140
				50	120	0	0	0	10	20	30	0	0	0	0	10	0	
8439429	GRÖNST	100.160	38.070	48.70	1.78	14.03	13.91	0.19	6.89	9.03	3.71	0.14	0.16					98.77
				80	53	86	56	23		0.02	200	10	8		280	430	20	140
				50	120	0	0	0	10	20	20	0	0	0	10	10	0	
8439430	GRÖNST	100.580	38.010	50.43	1.01	15.21	11.02	0.19	7.20	8.75	4.03	0.07	0.08					98.22
				105	87	85	53	11		0.03	270	0	8		170	270	20	100
				40	60	0	0	0	0	10	30	0	0	0	0	10	0	
8439431	GRÖNST	101.010	38.000	49.04	0.98	14.02	10.51	0.16	9.76	9.19	3.28	0.23	0.12					97.53
				76	73	200	48	14		0.04	440	0	14		0	300	20	160
				40	60	0	0	0	10	0	30	0	0	0	0	0	0	
8439432	GRÖNST	101.250	37.980	49.53	1.38	15.76	11.37	0.18	8.28	6.51	4.48	0.09	0.15					97.94
				60	88	108	46	0		0.04	270	10	17		0	350	20	110
				50	90	0	0	0	0	20	30	0	0	0	0	10	0	
8439433	GRÖNST	101.550	38.110	46.61	1.51	14.05	12.41	0.19	5.53	13.78	2.25	0.07	0.15					96.75
				57	81	65	43	9		0.03	120	40	8		0	350	20	360
				50	100	0	10	10	10	10	50	0	0	0	0	10	0	
8439434	GRÖNST	101.830	38.060	48.37	1.48	15.51	11.42	0.18	6.55	9.75	4.10	0.09	0.14					97.84
				104	87	75	49	1		0.07	230	10	11		0	330	20	130
				50	120	0	10	0	10	10	10	0	0	0	0	10	0	
8439435	GRÖNST	101.880	38.140	47.41	1.52	15.10	12.04	0.18	7.11	12.04	3.19	0.04	0.14					98.96
				93	80	62	48	5		0.04	170	0	11		0	340	20	170
				40	110	0	0	0	0	20	10	0	10	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439436	GRÖNST	101.950	38.000	45.96	1.06	17.67	9.65	0.17	7.07	11.71	2.71	0.57	0.08					96.85
				82	66	162	49	3		0.00	270	0	12		0	250	20	250
				40	70	0	0	0	10	20	40	0	0	0	0	10	0	
8439437	GRÖNST	102.320	38.000	49.07	1.37	15.05	11.24	0.17	7.82	9.84	3.46	0.03	0.14					98.38
				23	78	64	43	0		0.00	280	0	11		0	320	20	180
				40	100	0	0	0	10	30	10	0	0	0	0	0	0	
8439438	GRÖNST	102.350	38.020	48.98	1.47	15.33	10.95	0.16	6.12	11.78	3.49	0.05	0.13					98.65
				55	73	58	47	0		0.01	170	20	9		0	320	20	240
				40	110	0	0	0	10	20	30	0	0	0	0	0	0	
8439439	GRÖNST	102.410	38.030	49.08	1.30	15.85	11.74	0.14	7.09	8.68	3.88	0.08	0.15					98.16
				47	80	105	45	0		0.00	270	0	14		0	350	20	220
				40	90	0	10	0	10	20	40	0	0	0	0	0	0	
8439440	GRÖNST	102.510	38.030	46.74	1.82	13.93	13.54	0.20	5.21	13.84	2.40	0.08	0.16					98.13
				69	93	55	47	0		0.01	70	20	6		0	400	20	260
				50	130	0	0	10	10	0	30	0	0	0	0	0	0	
8439441	GRÖNST	102.560	38.050	49.66	1.56	15.40	11.35	0.18	6.50	10.87	3.40	0.30	0.15					99.56
				62	77	69	43	0		0.00	210	0	8		0	350	20	170
				50	110	0	0	0	0	10	50	0	0	0	0	10	0	
8439442	GRÖNST	102.610	38.010	47.35	1.32	15.97	11.68	0.20	8.82	5.70	3.49	1.12	0.15					96.02
				55	90	122	46	0		0.04	280	0	17		0	360	30	90
				70	80	0	50	0	0	10	70	0	10	0	10	10	0	
8439443	GRÖNST	102.730	38.010	44.46	1.61	17.72	14.84	0.27	8.19	4.65	3.17	1.25	0.12					96.56
				53	106	118	47	0		0.09	310	0	19		0	440	30	110
				50	100	0	0	0	10	10	80	0	0	0	0	10	0	
8439444	GRÖNST	98.360	38.500	49.05	1.23	15.58	10.78	0.16	7.71	7.33	4.56	0.07	0.14					96.81
				69	82	149	50	0		0.01	330	0	13		0	320	20	150
				50	80	0	10	0	10	30	20	0	0	0	0	10	0	
8439445	GRÖNST	98.410	38.500	49.85	1.33	14.58	12.10	0.18	8.91	7.57	3.75	0.07	0.11					98.65
				19	87	135	47	0		0.02	270	0	15		0	340	20	230
				40	80	0	10	0	10	20	10	0	20	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439446	GRÖNST	98.450	38.500	49.56	1.13	14.97	11.18	0.40	9.38	5.85	3.72	1.10	0.17					97.67
				71	73	195	19	0		0.00	410	0	16		0	310	30	40
				50	70	0	0	0	0	10	130	0	0	0	0	10	0	
8439447	GRÖNST	98.540	38.470	49.30	1.54	14.86	13.20	0.21	5.78	6.88	3.89	0.03	0.12					96.13
				31	101	57	13	4		0.19	150	30	13		0	470	20	40
				50	80	0	0	0	10	10	20	0	0	10	0	10	0	
8439448	GRÖNST	98.650	38.470	47.84	0.89	15.25	10.88	0.17	11.19	7.04	3.33	0.08	0.09					96.98
				58	76	189	19	0		0.00	420	0	25		0	280	20	190
				40	60	0	0	0	10	20	20	0	10	0	0	10	0	
8439449	GRÖNST	98.700	38.500	49.07	1.54	15.20	12.47	0.14	4.23	7.80	5.89	0.06	0.16					96.76
				49	102	36	44	28		0.03	20	0	10		0	470	20	110
				40	80	0	10	0	0	30	20	0	0	0	0	10	0	
8439450	GRÖNST	98.790	38.510	48.86	1.32	16.37	16.97	0.20	5.43	3.93	5.77	0.05	0.20					99.86
				30	148	16	49	12		0.20	0	0	10		0	470	20	90
				60	120	0	10	0	10	0	30	0	0	0	0	10	0	
8439451	GRÖNST	98.860	38.490	49.68	1.20	13.84	11.22	0.13	5.41	6.78	4.48	0.68	0.15					94.03
				57	78	43	38	17		0.60	40	10	10		0	290	30	70
				50	90	0	0	0	0	0	40	0	10	0	0	10	0	
8439452	GRÖNST	98.900	38.490	55.19	1.60	14.52	14.67	0.19	3.73	3.29	5.84	0.05	0.17					99.79
				22	133	23	39	12		0.76	10	20	8		0	430	20	50
				50	110	0	0	0	0	20	0	0	10	0	0	10	0	
8439453	GRÖNST	98.940	38.500	52.71	1.27	15.12	13.70	0.17	5.02	4.87	5.72	0.04	0.14					98.97
				19	96	31	28	21		0.15	20	0	13		0	380	20	70
				40	90	0	0	0	10	0	20	0	0	0	0	10	0	
8439454	GRÖNST	99.020	38.510	48.49	0.97	15.94	13.18	0.44	7.74	7.18	3.74	0.05	0.09					98.25
				92	1090	85	45	13		0.29	150	0	13		0	310	20	290
				40	60	0	0	0	0	20	40	0	0	0	0	10	0	
8439455	GRÖNST	99.090	38.500	48.72	1.10	16.23	14.30	0.20	9.01	3.36	4.48	0.07	0.13					97.81
				106	65	80	60	9		0.09	240	0	11		0	290	20	90
				40	80	0	0	0	0	20	40	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439456	GRÖNST	99.140	38.500	48.14	1.10	18.70	9.62	0.20	5.84	11.11	3.92	0.11	0.09					99.01
				25	47	67	33	15		0.06	200	0	11		0	260	20	90
				40	80	0	0	0	10	20	20	0	0	0	0	0	0	
8439457	GRÖNST	99.240	38.490	48.10	1.40	16.05	12.84	0.17	8.27	5.47	3.94	0.02	0.18					96.60
				24	62	32	23	19		0.03	0	0	11		0	450	20	230
				50	100	0	10	0	0	10	10	0	0	0	0	10	0	
8439458	GRÖNST	99.310	38.480	48.65	1.44	15.33	11.80	0.17	7.42	10.06	4.10	0.11	0.13					99.56
				83	53	78	46	12		0.22	300	20	10		0	330	20	160
				40	100	0	0	0	10	30	50	0	0	0	10	0	0	
8439459	GRÖNST	99.390	38.560	53.37	0.98	15.62	9.81	0.21	8.62	4.69	6.23	0.04	0.10					99.90
				716	98	76	43	8		0.03	90	0	8		0	280	20	60
				40	70	0	10	0	10	10	30	0	0	0	0	10	0	
8439460	GRÖNST	99.480	38.460	53.50	1.33	14.78	12.04	0.16	4.01	6.63	5.64	0.05	0.14					99.95
				227	94	42	48	15		3.03	30	0	4		10	390	20	220
				40	90	0	10	0	10	20	30	0	0	0	0	10	0	
8439461	GRÖNST	99.530	38.500	51.04	1.54	10.55	14.48	0.31	7.46	10.71	3.26	0.06	0.18					99.88
				125	135	59	42	15		0.21	70	0	3		240	340	20	110
				50	110	0	0	0	0	20	30	0	0	0	0	10	0	
8439462	GRÖNST	99.590	38.500	47.40	1.45	15.69	13.68	0.31	7.51	8.11	3.67	0.16	0.13					98.30
				12	118	85	45	12		0.01	180	10	12		30	340	20	70
				50	100	0	10	0	10	20	40	0	0	0	0	10	0	
8439463	GRÖNST	99.660	38.500	51.20	1.62	15.05	14.58	0.18	4.35	7.22	4.81	0.04	0.16					99.47
				29	103	29	33	7		0.17	20	10	3		0	510	20	190
				50	100	0	10	0	0	0	0	0	0	0	10	10	0	
8439464	GRÖNST	99.720	38.490	49.76	1.13	15.15	11.08	0.19	7.45	9.49	4.05	0.03	0.10					98.65
				38	79	96	43	9		0.10	310	10	8		0	310	20	40
				50	70	0	10	0	0	20	20	0	0	0	0	10	0	
8439465	GRÖNST	99.780	38.480	46.63	1.63	14.40	13.83	0.19	6.33	11.02	3.70	0.02	0.15					98.20
				69	84	79	46	10		0.24	120	20	6		0	410	20	100
				50	110	0	0	10	10	30	0	0	0	10	0	0	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439466	GRÖNST	99.820	38.490	52.27	1.40	15.21	12.21	0.19	5.25	7.56	5.46	0.03	0.14					99.88
				18	75	47	33	5		0.01	40	10	5		0	370	20	130
				50	90	0	0	0	0	20	20	0	0	0	0	10	0	
8439467	GRÖNST	99.880	38.490	48.90	2.02	12.89	14.77	0.23	6.98	9.36	3.56	0.04	0.17					99.19
				82	129	78	49	12		0.15	100	10	6		0	440	20	70
				60	140	0	10	10	0	20	40	0	0	0	0	10	0	
8439468	GRÖNST	99.930	38.490	47.89	1.60	15.00	13.15	0.21	7.57	8.90	3.50	0.06	0.13					98.38
				88	101	135	44	21		0.22	320	0	9		70	400	20	80
				50	100	0	30	10	10	10	40	0	0	0	0	0	0	
8439469	GRÖNST	99.990	38.490	48.90	1.85	14.56	14.15	0.21	7.36	8.18	4.06	0.15	0.16					99.87
				156	92	92	44	10		0.08	170	0	8		90	450	20	80
				50	130	0	0	0	10	0	10	0	0	0	0	10	0	
8439470	GRÖNST	100.040	38.500	47.96	1.73	14.76	13.45	0.22	6.68	10.15	3.22	0.83	0.16					99.42
				63	93	102	37	12		0.01	190	10	7		420	390	30	90
				50	120	0	0	0	10	20	120	0	0	0	0	10	0	
8439471	GRÖNST	100.120	38.470	53.57	0.74	15.45	10.35	0.14	6.56	7.38	5.06	0.37	0.08					99.87
				5	62	86	32	5		0.01	180	0	7		260	280	20	90
				30	50	0	0	0	10	10	80	0	0	0	0	10	0	
8439472	GRÖNST	100.170	38.480	59.44	1.52	14.27	8.05	0.10	3.09	6.09	6.63	0.06	0.36					99.78
				6	32	36	23	3		0.04	20	10	2		250	170	20	50
				60	140	0	0	0	0	20	0	0	0	0	0	10	0	
8439473	GRÖNST	100.230	38.490	47.43	0.83	14.49	10.97	0.16	9.16	10.47	3.50	0.12	0.21					97.56
				39	75	116	37	13		0.00	410	0	8		20	280	20	350
				30	70	0	0	0	0	10	50	0	0	0	0	10	0	
8439474	GRÖNST	100.310	38.490	47.36	1.78	13.85	14.83	0.22	6.62	9.55	2.79	0.12	0.16					97.62
				74	111	100	42	15		0.19	160	10	7		10	460	20	150
				60	110	0	10	10	0	30	10	0	0	10	0	10	0	
8439475	GRÖNST	100.740	38.480	51.35	1.36	16.85	11.21	0.15	5.76	6.37	4.75	0.13	0.14					98.29
				59	120	209	50	4		0.01	410	0	13		0	370	20	100
				50	90	0	0	0	10	20	30	0	0	0	0	10	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439476	GRÖNST	100.900	38.540	47.69	0.97	16.24	9.15	0.14	5.91	10.53	4.11	0.07	0.13					95.10
				48	95	97	25	9		0.01	200	0	14		0	300	20	110
				40	60	0	0	0	0	20	30	0	0	10	0	10	0	
8439477	GRÖNST	100.990	38.500	51.33	0.85	15.15	8.71	0.13	7.23	8.44	4.51	0.09	0.11					96.73
				60	80	158	28	6		0.03	310	10	13		0	260	20	90
				40	50	0	10	0	0	20	30	0	0	0	0	10	0	
8439478	GRÖNST	101.100	38.510	44.91	1.15	17.24	10.12	0.15	5.53	11.83	2.36	0.37	0.10					93.99
				60	87	108	31	8		0.01	280	10	17		0	280	20	330
				40	80	0	0	0	0	10	20	0	0	0	0	10	0	
8439479	GRÖNST	101.180	38.510	56.34	1.42	18.89	10.08	0.04	1.35	2.31	7.09	1.63	0.27					99.92
				66	95	54	16	8		0.63	60	20	10		0	520	40	90
				50	80	0	10	0	10	10	60	0	0	0	0	10	0	
8439480	GRÖNST	101.230	38.510	46.11	0.96	15.62	10.75	0.16	8.30	10.00	2.89	0.22	0.11					95.32
				42	90	186	30	7		0.01	430	10	17		0	310	20	120
				40	50	0	0	0	0	10	20	0	0	0	0	10	0	
8439481	GRÖNST	101.280	38.500	48.43	1.10	15.28	12.30	0.17	8.57	6.38	4.01	0.07	0.14					96.70
				56	128	221	47	20		0.01	580	0	18		0	310	20	60
				40	50	0	0	0	0	20	20	0	0	0	0	10	0	
8439482	GRÖNST	101.320	38.500	42.96	1.04	16.34	12.21	0.30	11.76	5.65	2.29	0.32	0.12					93.27
				59	101	301	54	34		0.01	770	10	38		0	340	20	100
				40	60	0	0	0	10	20	40	0	10	0	0	10	0	
8439483	GRÖNST	101.370	38.500	51.10	1.65	18.03	12.30	0.15	3.30	5.58	5.22	0.55	0.22					98.30
				38	152	18	38	26		0.05	0	0	18		0	470	20	160
				60	90	0	10	0	0	10	20	0	10	0	0	10	0	
8439484	GRÖNST	101.420	38.500	49.17	1.77	17.74	14.35	0.15	5.72	2.81	5.39	0.11	0.19					97.57
				53	131	29	49	25		0.00	10	0	21		0	560	20	50
				50	90	0	0	0	0	20	30	0	0	0	0	0	0	
8439485	GRÖNST	101.480	38.520	50.73	1.24	16.82	15.68	0.11	3.33	4.80	4.88	2.00	0.16					99.90
				32	121	34	23	20		0.01	30	0	9		0	420	50	70
				50	70	0	0	0	10	20	110	0	10	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439486	GRÖNST	101.510	38.460	49.87	1.34	14.72	9.81	0.16	3.06	13.62	2.42	0.54	0.16					95.89
				47	65	45	20	25		0.01	40	30	10		0	430	20	310
				40	80	0	0	0	10	10	40	0	0	10	0	0	0	
8439487	GRÖNST	101.610	38.450	49.75	1.63	15.86	15.68	0.12	7.55	3.46	3.99	0.06	0.18					98.46
				43	132	31	31	22		0.03	10	0	18		0	460	20	70
				50	100	0	10	0	0	10	20	0	0	0	0	10	0	
8439488	GRÖNST	101.650	38.500	50.00	1.35	16.23	10.24	0.14	5.87	9.02	3.80	0.14	0.20					97.21
				52	75	62	26	18		0.08	180	0	13		0	330	20	160
				40	100	0	10	0	10	20	30	0	0	10	0	10	0	
8439489	GRÖNST	101.710	38.500	48.63	1.70	15.99	14.10	0.18	6.23	6.46	4.53	0.08	0.20					98.27
				44	122	40	32	22		0.01	10	10	13		C	410	20	50
				50	120	0	10	0	10	20	30	0	10	0	10	10	0	
8439490	GRÖNST	101.770	37.490	60.79	1.20	11.48	10.29	0.13	3.85	6.10	3.53	0.37	0.20					98.14
				22	89	23	17	21		0.09	10	20	9		0	310	20	110
				50	80	0	0	0	10	10	40	0	10	0	0	10	0	
8439492	GRÖNST	101.880	38.510	49.10	1.72	14.97	13.41	0.21	6.13	9.23	3.93	0.04	0.17					99.08
				61	102	64	35	24		0.01	70	10	9		C	390	20	170
				50	120	0	0	0	0	10	20	0	0	10	0	10	0	
8439493	GRÖNST	101.960	38.500	47.39	1.60	14.93	13.04	0.19	6.51	11.20	3.06	0.29	0.15					98.55
				72	98	73	36	22		0.01	130	0	9		0	370	20	210
				50	110	0	0	0	0	10	60	0	0	0	0	0	0	
8439494	GRÖNST	102.020	38.490	53.38	1.31	16.07	10.17	0.13	6.85	6.10	5.32	0.22	0.14					99.87
				80	81	76	25	28		0.03	300	0	13		0	290	20	100
				40	90	0	0	0	0	10	70	0	0	0	0	10	0	
8439495	GRÖNST	102.070	38.530	49.43	1.56	14.51	12.60	0.19	6.64	9.46	3.82	0.05	0.15					98.60
				68	100	65	28	31		0.00	100	20	9		0	360	20	210
				50	120	0	0	0	10	20	10	0	10	0	0	10	0	
8439496	GRÖNST	102.140	38.540	50.24	1.73	14.44	12.02	0.18	6.47	7.87	4.74	0.05	0.19					98.14
				65	106	72	33	33		0.03	60	0	9		0	380	20	170
				50	110	0	10	0	10	30	40	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439497	GRÖNST	102.360	38.490	48.77	1.31	15.29	10.49	0.16	6.71	10.97	3.80	0.04	0.14					97.88
				42	30	80	23	33		0.00	280	10	10		0	310	20	190
				50	100	0	10	0	0	10	10	0	0	0	0	10	0	
8439498	GRÖNST	102.470	38.490	47.44	1.49	15.40	11.95	0.18	6.95	10.83	2.86	0.04	0.14					97.48
				92	98	74	27	31		0.01	160	20	10		0	320	20	190
				40	100	0	0	0	0	40	30	0	0	0	0	10	0	
8439499	GRÖNST	102.580	38.500	45.84	1.52	16.59	12.14	0.18	6.15	10.41	3.24	0.25	0.13					96.66
				78	92	97	27	26		0.02	220	10	13		0	340	20	300
				50	100	0	0	0	0	20	50	0	0	0	0	10	0	
8439500	GRÖNST	102.680	38.500	52.36	1.29	15.50	9.94	0.15	6.47	8.72	4.66	0.13	0.14					99.58
				57	84	114	17	28		0.06	260	0	7		0	340	20	130
				50	90	0	10	0	0	10	30	0	0	0	0	10	0	
8439501	GRÖNST	98.590	38.940	48.68	0.75	15.84	9.68	0.19	7.52	5.79	4.71	0.06	0.08					93.47
				28	91	91	16	25		0.01	180	0	12		0	260	20	160
				40	70	0	0	0	0	30	40	0	0	0	0	10	0	
8439502	GRÖNST	98.640	38.940	44.48	1.75	16.69	15.87	0.12	6.36	4.54	2.89	0.80	0.21					93.93
				60	135	33	24	22		0.01	10	20	17		0	580	30	40
				50	100	0	0	0	10	30	80	0	0	0	0	10	0	
8439503	GRÖNST	98.690	38.960	47.16	1.12	15.16	11.54	0.16	5.47	8.54	5.89	0.04	0.13					95.40
				48	95	52	13	28		0.05	30	0	8		0	340	10	60
				40	70	0	0	0	0	0	30	0	0	10	0	10	0	
8439504	GRÖNST	98.750	38.940	52.63	1.48	13.78	13.02	0.17	4.34	4.62	5.72	0.06	0.16					96.16
				24	97	34	10	28		0.05	10	0	9		0	410	20	60
				50	100	0	0	0	0	20	20	0	0	0	0	10	0	
8439505	GRÖNST	98.810	38.980	46.70	1.17	15.03	11.14	0.15	6.49	7.95	4.69	0.12	0.11					93.78
				51	101	86	16	24		0.05	160	0	12		0	330	20	50
				50	80	0	10	0	10	20	50	0	0	0	0	10	0	
8439506	GRÖNST	98.880	39.000	52.01	1.31	15.16	11.38	0.20	6.61	5.74	5.52	0.07	0.12					98.39
				66	101	80	22	22		0.16	160	20	8		0	310	20	100
				40	90	0	10	0	10	10	20	0	10	0	0	20	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439507	GRÖNST	98.950	38.990	49.09	1.07	16.96	9.66	0.15	6.45	10.81	4.20	0.09	0.11					98.78
				73	69	84	15	32		0.03	220	20	9		0	250	20	180
				50	30	0	10	0	0	10	20	0	0	0	0	0	0	
8439508	GRÖNST	99.000	38.980	42.57	1.41	15.12	13.78	0.21	8.52	7.32	3.07	0.23	0.12					92.58
				90	120	109	27	21		0.00	310	0	15		0	330	20	50
				40	100	0	0	0	10	0	50	0	0	0	0	10	0	
8439509	GRÖNST	99.070	38.980	47.83	1.44	15.34	11.84	0.19	7.03	11.25	3.62	0.09	0.13					99.05
				110	99	77	47	19		0.12	290	30	8		0	330	20	280
				40	90	0	10	0	0	10	20	0	0	0	0	0	0	
8439510	GRÖNST	99.150	38.990	51.78	1.44	14.97	12.11	0.21	7.54	5.04	5.18	0.05	0.14					98.64
				69	121	62	43	12		0.00	170	0	9		0	360	20	90
				40	100	0	10	0	0	10	20	0	0	0	0	10	0	
8439511	GRÖNST	99.190	38.990	56.41	1.11	14.74	9.39	0.14	3.85	6.43	5.99	0.07	0.12					98.42
				24	110	40	25	15		0.01	30	0	6		30	340	20	60
				40	80	0	10	0	0	20	30	0	10	0	0	10	0	
8439512	GRÖNST	99.250	38.960	52.77	1.42	14.34	12.85	0.18	5.37	7.40	4.19	0.04	0.14					99.13
				56	100	32	34	21		0.48	20	10	6		0	460	20	110
				40	80	0	20	10	10	20	10	0	0	10	0	0	0	
8439513	GRÖNST	99.310	38.950	47.04	1.51	14.35	12.74	0.17	4.60	8.14	2.39	1.46	0.14					92.84
				46	121	44	36	15		0.18	40	0	12		0	430	50	70
				60	90	0	0	0	0	30	130	0	0	10	0	10	0	
8439514	GRÖNST	99.380	39.010	50.68	1.68	13.63	12.74	0.21	7.24	8.66	3.92	0.04	0.15					99.11
				35	101	86	43	10		0.00	100	0	7		10	380	20	90
				40	110	0	0	0	10	0	10	0	0	0	0	0	0	
8439515	GRÖNST	99.450	39.050	51.97	2.22	14.69	14.07	0.20	3.52	6.09	6.47	0.04	0.29					99.80
				49	106	35	34	11		0.07	10	10	6		0	460	20	40
				60	130	0	10	0	0	30	20	0	10	0	10	20	0	
8439516	GRÖNST	99.510	39.050	48.16	1.41	14.62	12.68	0.19	6.44	10.76	4.12	0.03	0.13					98.78
				76	105	62	45	19		0.07	90	20	6		0	350	20	140
				50	90	0	10	0	10	10	20	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439517	GRÖNST	99.610	39.040	51.41	1.46	14.31	13.33	0.18	5.01	7.86	5.05	0.05	0.14					99.10
				55	91	47	38	9		0.22	50	0	5		0	390	0	130
				20	100	0	0	10	0	30	40	0	0	0	0	0	10	
8439518	GRÖNST	99.650	39.040	52.25	1.26	15.03	12.47	0.17	4.78	8.01	5.36	0.04	0.14					99.69
				45	108	42	31	15		0.01	20	0	5		0	380	10	240
				20	100	0	0	0	0	0	30	0	10	10	0	0	0	
8439519	GRÖNST	99.710	39.040	47.54	1.43	14.32	12.60	0.18	7.08	11.25	3.50	0.02	0.13					98.23
				82	96	93	42	8		0.01	190	0	6		0	340	10	170
				20	110	0	0	10	0	10	10	0	0	0	0	0	0	
8439520	GRÖNST	99.760	39.030	47.03	1.36	15.85	11.27	0.17	7.17	10.56	3.58	0.06	0.12					97.34
				48	101	126	39	8		0.01	250	0	8		0	300	0	150
				20	100	0	0	0	0	10	0	0	10	0	0	0	0	
8439521	GRÖNST	99.790	39.000	51.07	1.32	15.61	11.95	0.17	6.86	6.35	5.13	0.04	0.12					98.81
				75	92	117	40	15		0.02	270	0	8		0	320	0	60
				10	90	0	0	0	10	20	40	0	0	0	0	0	0	
8439522	GRÖNST	99.840	38.950	50.39	1.49	14.82	13.58	0.18	5.49	7.99	4.45	0.05	0.17					98.84
				40	108	69	33	13		0.09	90	0	4		0	390	0	130
				20	110	0	0	0	10	10	30	0	0	0	0	0	0	
8439523	GRÖNST	100.070	38.880	47.78	1.60	13.96	14.37	0.20	6.95	9.39	3.90	0.03	0.15					98.61
				74	110	89	41	16		0.13	130	0	5		0	410	0	100
				20	110	0	0	0	10	20	20	0	20	0	0	0	0	
8439524	GRÖNST	100.400	39.000	48.44	1.23	15.61	10.75	0.16	5.87	9.66	4.15	0.65	0.16					96.91
				49	96	131	35	11		0.02	250	0	7		0	360	10	90
				20	90	0	0	0	0	10	60	0	0	0	0	0	0	
8439525	GRÖNST	100.470	39.010	47.69	0.98	14.31	11.09	0.18	6.96	10.97	4.09	0.09	0.11					96.71
				57	92	232	39	13		0.01	470	0	6		0	290	0	110
				10	70	0	0	0	0	0	30	0	0	0	0	0	0	
8439526	GRÖNST	100.530	39.000	47.42	1.06	14.92	8.51	0.14	5.69	10.83	4.69	0.41	0.14					94.02
				58	95	181	45	10		0.01	300	0	14		0	350	10	110
				10	80	0	0	0	0	10	40	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439527	GRÖNST	100.630	38.990	46.06	0.85	13.54	7.26	0.08	1.65	16.62	0.49	4.59	0.15					91.49
				19	86	87	18	18		0.01	330	0	8		0	320	80	90
				10	60	0	0	10	0	20	130	0	0	0	0	0	0	
8439528	GRÖNST	100.710	39.020	51.19	1.22	16.79	14.14	0.10	4.39	4.78	6.46	0.24	0.16					99.73
				32	99	202	45	14		0.02	520	0	16		0	310	0	70
				20	90	0	0	0	0	20	50	0	0	0	0	0	0	
8439529	GRÖNST	100.760	39.050	49.56	1.02	16.43	10.39	0.14	7.97	7.28	3.91	0.41	0.13					97.44
				68	131	88	38	9		0.02	250	0	16		0	310	10	110
				10	70	0	0	10	0	20	50	0	0	0	0	0	0	
8439530	GRÖNST	100.860	39.000	44.02	0.99	15.86	9.08	0.12	4.73	14.47	3.94	0.19	0.12					93.78
				45	72	153	40	19		0.10	300	10	11		0	320	0	150
				10	60	0	0	0	0	10	30	0	0	0	0	0	0	
8439531	GRÖNST	100.910	38.990	44.62	1.11	17.33	11.37	0.15	6.04	11.74	3.29	0.05	0.13					96.04
				48	108	162	45	29		0.01	360	0	13		0	360	0	120
				10	70	0	10	0	0	20	30	0	0	0	0	0	0	
8439532	GRÖNST	101.220	39.040	48.16	1.20	16.69	9.49	0.12	4.20	10.70	4.51	0.83	0.13					96.22
				61	90	48	38	22		0.02	150	0	8		0	300	10	130
				10	90	0	0	0	0	10	50	0	0	10	0	0	0	
8439533	GRÖNST	101.270	38.990	53.68	1.44	14.46	14.21	0.15	4.94	4.96	4.80	0.07	0.18					99.08
				41	127	14	27	21		0.08	10	0	10		0	430	0	70
				20	90	0	0	0	10	20	30	0	0	0	0	0	0	
8439534	GRÖNST	101.320	38.990	62.76	1.10	11.62	11.42	0.11	4.02	4.51	3.03	0.08	0.14					99.07
				25	104	18	30	19		0.21	10	40	12		0	360	0	90
				10	70	0	0	10	0	20	20	0	0	10	0	0	0	
8439535	GRÖNST	101.370	39.010	45.75	0.98	14.99	10.58	0.22	8.04	12.91	1.53	0.22	0.07					95.49
				62	133	179	42	18		0.00	450	0	15		0	260	10	100
				10	60	0	0	10	0	10	10	0	10	0	0	0	0	
8439536	GRÖNST	101.450	38.990	58.21	1.15	12.80	11.92	0.09	5.97	4.50	2.71	0.29	0.10					97.92
				43	79	36	28	15		0.06	40	10	12		0	330	10	160
				10	80	0	0	10	0	10	20	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439538	GRÖNST	101.790	38.990	46.95	1.41	14.70	12.05	0.18	6.90	11.74	2.87	0.08	0.14					97.22
				82	94	87	43	22		0.05	200	10	8		0	330	0	310
				20	110	0	0	10	0	10	20	0	0	0	0	0	0	
8439539	GRÖNST	101.840	38.990	48.00	1.56	14.91	12.17	0.18	7.81	8.96	2.95	1.02	0.14					97.94
				75	93	72	45	17		0.04	310	0	9		0	370	20	200
				20	120	0	0	0	0	20	110	0	10	0	0	0	0	
8439540	GRÖNST	101.930	38.990	51.68	1.17	14.22	10.68	0.15	5.77	9.14	4.97	0.17	0.14					98.28
				57	102	62	28	20		0.01	100	10	8		0	330	0	130
				20	90	0	0	10	0	20	30	0	0	0	0	0	0	
8439541	GRÖNST	102.010	38.980	46.28	1.48	15.12	12.60	0.20	6.42	11.67	3.03	0.09	0.14					97.21
				80	115	94	48	11		0.00	210	0	11		0	350	0	240
				20	110	0	0	10	0	10	20	0	10	0	0	0	0	
8439542	GRÖNST	102.320	38.990	48.33	1.90	13.97	14.21	0.21	6.56	10.31	3.36	0.23	0.19					99.53
				78	111	64	45	13		0.12	120	0	10		0	420	0	140
				30	150	0	0	20	0	20	20	0	20	10	0	0	0	
8439543	GRÖNST	102.420	38.990	48.91	1.45	14.99	11.90	0.18	6.80	9.85	3.54	0.16	0.14					98.10
				48	93	72	37	13		0.02	220	30	11		0	330	0	110
				20	110	0	0	10	0	20	30	0	0	0	0	0	0	
8439544	GRÖNST	102.530	38.990	46.99	1.25	16.30	10.22	0.14	7.16	11.82	2.69	0.17	0.12					97.05
				72	78	71	37	11		0.00	270	20	13		0	280	0	130
				20	100	0	0	10	0	10	30	0	0	10	0	0	0	
8439545	GRÖNST	102.650	38.980	51.44	1.04	17.17	7.51	0.14	4.97	8.81	4.91	0.60	0.09					96.81
				32	58	67	28	13		0.01	210	0	11		0	240	10	60
				10	80	0	0	10	0	0	70	0	0	0	0	0	0	
8439546	GRÖNST	102.800	39.010	45.72	1.22	15.36	11.91	0.17	7.56	10.61	3.29	0.16	0.14					96.38
				72	91	143	45	12		0.06	320	0	21		0	360	0	130
				20	90	0	0	10	0	10	20	0	10	0	0	0	0	
8439547	GRÖNST	98.560	39.480	55.01	0.60	12.11	8.75	0.12	8.80	7.22	2.61	0.29	0.12					95.82
				45	72	182	38	13		0.04	310	0	27		0	220	0	50
				10	60	0	0	0	0	0	60	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439548	GRÖNST	98.630	39.480	47.24	0.95	15.03	12.60	0.30	7.50	5.64	3.54	0.24	0.08					93.27
				28	77	80	37	6		0.00	220	10	27		0	370	10	70
				10	50	0	0	10	0	0	30	0	10	0	0	0	0	
8439550	GRÖNST	98.780	39.500	52.01	1.02	14.92	10.94	0.18	6.26	6.47	5.52	0.11	0.12					97.69
				45	83	66	36	6		0.00	210	0	13		0	270	0	90
				10	80	0	0	0	0	20	30	0	0	10	0	0	0	
8439551	GRÖNST	98.830	39.480	54.62	1.18	15.15	13.22	0.11	4.92	3.43	5.34	0.16	0.13					98.41
				37	95	33	31	7		0.02	40	0	15		0	400	10	60
				10	70	0	0	10	0	10	30	0	0	0	0	0	0	
8439552	GRÖNST	98.880	39.500	54.21	1.23	13.74	11.48	0.11	4.76	6.06	5.19	0.07	0.16					97.20
				34	72	34	25	5		0.00	20	0	12		0	410	0	70
				20	80	0	0	0	0	0	20	0	0	0	0	0	0	
8439553	GRÖNST	98.920	39.510	54.09	1.26	15.34	10.11	0.12	5.40	6.42	6.32	0.07	0.16					99.44
				73	71	56	32	10		0.00	90	10	10		0	330	0	70
				20	90	0	0	10	0	10	30	0	10	0	0	0	0	
8439554	GRÖNST	98.950	39.530	54.15	1.46	15.13	12.52	0.15	4.05	5.93	5.93	0.08	0.27					99.80
				80	87	87	36	8		0.06	40	0	10		20	250	0	80
				40	170	0	0	10	0	10	10	0	10	0	0	0	0	
8439555	GRÖNST	99.000	39.520	48.34	1.60	14.48	12.54	0.17	5.60	11.28	3.62	0.37	0.15					98.37
				25	113	40	21	10		0.01	130	30	9		0	370	10	180
				20	120	0	0	10	0	10	20	0	30	0	0	0	0	
8439556	GRÖNST	99.120	39.450	47.81	1.55	14.85	12.54	0.17	6.70	11.00	3.67	0.03	0.16					98.70
				74	90	84	39	11		0.05	170	40	10		0	370	0	150
				20	120	0	0	20	0	10	50	0	20	0	0	0	10	
8439557	GRÖNST	99.290	39.380	49.06	1.46	14.76	11.97	0.17	7.25	5.95	4.12	0.04	0.14					95.09
				84	82	93	40	6		0.00	280	0	12		0	340	0	50
				20	110	0	0	10	0	30	30	0	0	0	0	0	0	
8439558	GRÖNST	99.380	39.340	51.22	2.05	13.60	15.06	0.20	4.20	7.30	5.61	0.08	0.20					99.76
				130	118	38	36	2		0.10	20	0	4		0	490	0	110
				30	140	0	0	20	0	10	50	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439559	GRÖNST	99.430	39.340	48.59	1.63	14.76	13.87	0.21	6.25	7.78	5.00	0.04	0.17					98.54
				61	96	55	36	5		0.15	40	0	6		0	410	0	60
				20	130	0	0	20	0	0	30	0	10	0	0	0	0	
8439560	GRÖNST	99.470	39.310	48.99	1.41	14.55	12.27	0.18	7.13	10.83	3.67	0.03	0.13					99.39
				100	89	71	39	11		0.01	230	0	7		0	340	0	180
				20	110	0	0	10	0	30	20	0	0	0	0	0	0	
8439561	GRÖNST	99.530	39.330	52.77	1.37	14.33	12.45	0.17	5.03	7.92	5.22	0.05	0.16					99.81
				48	89	33	38	3		0.36	30	10	5		0	360	0	110
				20	100	0	0	10	0	10	10	0	0	0	0	0	0	
8439562	GRÖNST	99.580	39.320	48.42	1.23	14.69	11.65	0.17	7.29	12.28	3.18	0.02	0.11					99.25
				87	91	105	46	12		0.00	330	0	5		0	310	0	220
				20	90	0	0	10	0	20	10	0	0	0	0	0	0	
8439563	GRÖNST	99.850	39.350	48.41	1.19	16.51	10.82	0.18	7.64	9.64	3.97	0.12	0.09					98.80
				91	75	136	46	21		0.00	360	0	9		0	300	0	210
				20	80	0	0	0	0	20	20	0	0	10	0	0	0	
8439564	GRÖNST	99.940	39.340	48.30	1.13	14.86	11.75	0.19	6.80	12.33	3.56	0.02	0.12					99.31
				71	88	86	42	25		0.10	220	0	7		0	330	0	50
				20	80	0	0	10	0	10	0	0	0	0	0	0	0	
8439565	GRÖNST	99.990	39.350	50.65	0.75	13.87	8.94	0.14	10.45	7.48	4.25	0.43	0.14					97.37
				59	68	241	43	19		0.03	630	20	13		40	200	10	120
				10	90	0	0	10	0	20	150	0	20	10	0	0	10	
8439566	GRÖNST	100.000	39.490	49.08	1.42	14.71	13.94	0.18	7.01	7.50	4.49	0.03	0.12					98.71
				65	102	75	40	19		0.07	180	10	6		0	410	0	70
				20	90	0	0	20	0	30	20	0	10	0	0	0	0	
8439568	GRÖNST	100.330	39.500	45.55	1.08	14.91	12.77	0.19	9.34	10.31	2.52	0.09	0.11					97.10
				61	92	226	49	22		0.00	460	10	20		0	340	0	110
				20	70	0	0	10	0	20	20	0	0	10	0	0	0	
8439569	GRÖNST	100.420	39.480	48.39	1.18	14.90	11.52	0.14	9.22	7.88	1.79	0.04	0.12					95.38
				80	92	159	40	14		0.00	280	0	28		0	340	0	140
				20	80	0	0	10	0	10	20	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439570	GRÖNST	100.680	39.430	47.69	0.85	13.55	11.44	0.18	8.32	12.76	2.14	0.26	0.18					97.62
				95	83	98	41	27		0.03	320	20	9		0	310	10	520
				0	60	0	0	10	0	10	50	0	20	0	0	0	0	
8439571	GRÖNST	100.710	39.430	45.83	0.78	14.02	9.36	0.14	9.61	10.38	2.98	0.86	0.14					94.35
				54	56	191	38	22		0.00	600	0	19		0	290	10	160
				10	60	0	0	0	0	10	80	0	10	0	0	0	0	
8439572	GRÖNST	100.740	39.440	49.04	0.73	12.15	10.37	0.19	11.41	10.01	2.92	0.35	0.19					97.69
				14	70	261	48	22		0.00	1240	0	14		40	250	0	270
				0	70	0	0	10	0	0	70	0	20	0	0	0	0	
8439573	GRÖNST	100.810	39.460	50.83	0.92	15.50	9.24	0.15	8.43	6.02	4.19	0.70	0.11					96.26
				57	94	143	32	21		0.03	290	0	23		0	300	10	130
				10	60	0	0	0	0	10	80	0	0	0	0	0	0	
8439574	GRÖNST	100.890	39.490	50.11	0.80	15.14	8.75	0.12	7.05	10.13	2.61	1.43	0.11					96.45
				41	70	148	34	19		0.00	280	10	15		0	310	20	270
				10	50	0	0	0	0	20	110	0	10	0	0	0	0	
8439575	GRÖNST	101.050	39.490	46.04	0.68	11.03	11.29	0.24	17.78	5.11	0.16	0.01	0.08					92.79
				47	80	603	60	17		0.00	1530	0	40		0	230	0	10
				10	40	0	0	0	0	10	10	0	10	0	0	0	0	
8439576	GRÖNST	101.110	39.450	47.55	1.38	17.16	11.21	0.14	5.33	11.96	2.17	0.73	0.14					97.98
				79	80	67	33	25		0.01	180	10	11		0	330	10	280
				20	100	0	0	10	0	20	50	0	0	0	0	0	0	
8439577	GRÖNST	101.190	39.480	49.59	1.46	16.03	13.28	0.13	5.23	5.63	4.90	0.10	0.22					96.71
				35	129	28	21	13		0.02	10	0	14		0	430	10	60
				20	80	0	0	0	0	10	20	0	0	0	0	0	0	
8439578	GRÖNST	101.240	39.490	49.70	0.73	13.72	10.28	0.16	8.67	10.86	3.20	0.43	0.21					98.29
				94	75	99	32	14		0.13	380	20	6		20	270	10	340
				10	70	0	0	10	0	40	90	0	10	0	0	0	0	
8439579	GRÖNST	101.340	39.500	48.36	0.77	13.79	10.79	0.21	8.65	12.14	2.52	0.33	0.19					98.01
				41	75	126	32	21		0.01	450	0	8		40	280	10	530
				0	70	0	0	10	0	30	60	0	20	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439580	GRÖNST	101.430	39.550	53.73	1.50	15.60	12.04	0.10	4.75	5.24	5.71	0.06	0.24					99.15
				25	93	27	18	20		0.09	10	20	5		0	410	0	70
				20	110	0	0	0	0	20	20	0	10	0	0	0	0	
8439581	GRÖNST	101.500	39.530	50.03	1.92	15.06	14.31	0.19	6.86	5.34	4.82	0.34	0.19					99.27
				68	118	81	54	11		0.00	120	0	6		0	440	10	80
				30	140	0	0	10	0	20	50	0	20	0	0	0	0	
8439582	GRÖNST	101.870	39.370	49.02	1.38	15.08	13.12	0.22	8.80	4.62	4.70	0.25	0.14					97.51
				62	108	56	50	12		0.05	40	0	14		0	380	10	40
				0	100	0	10	0	10	20	40	0	0	0	0	0	0	
8439583	GRÖNST	101.950	39.380	43.69	1.41	16.11	17.17	0.16	6.73	7.27	3.62	0.08	0.16					96.60
				27	136	37	53	15		0.07	10	0	12		0	450	0	110
				20	90	0	10	0	0	10	20	0	10	0	0	0	0	
8439584	GRÖNST	102.040	39.440	60.17	1.27	12.72	10.44	0.08	4.63	4.74	4.75	0.13	0.19					99.34
				22	34	27	33	14		0.15	20	10	7		0	350	10	80
				20	90	0	0	10	0	20	10	0	20	0	0	0	0	
8439585	GRÖNST	102.210	39.450	45.23	0.77	12.94	11.65	0.19	11.86	9.29	2.44	0.30	0.18					95.12
				60	120	170	62	18		0.00	700	0	14		30	280	10	230
				0	70	0	0	10	0	0	90	0	0	0	0	0	0	
8439586	GRÖNST	102.350	39.530	46.83	1.42	15.36	11.55	0.17	6.30	11.96	2.90	0.09	0.14					96.92
				52	83	80	46	11		0.06	180	20	7		0	340	0	140
				20	100	0	0	10	0	20	10	0	10	0	0	0	0	
8439587	GRÖNST	102.290	39.510	45.66	1.45	15.40	12.20	0.17	6.57	12.41	2.36	0.06	0.14					96.63
				77	85	88	51	13		0.03	230	0	9		0	340	0	180
				20	100	0	10	0	0	10	0	0	20	0	0	0	0	
8439588	GRÖNST	98.710	40.000	46.54	1.45	16.53	14.80	0.13	6.04	5.18	5.81	0.05	0.20					96.95
				47	120	34	39	11		0.02	10	0	13		0	500	0	80
				20	80	0	0	0	10	20	30	0	10	0	10	0	0	
8439589	GRÖNST	98.770	39.980	49.57	1.26	14.67	10.71	0.16	6.14	9.57	3.96	0.24	0.14					96.65
				89	82	70	48	17		0.05	280	0	8		0	320	10	220
				10	80	0	10	10	0	20	60	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439590	GRÖNST	98.860	40.060	51.55	1.43	14.99	13.75	0.20	6.15	5.01	5.72	0.08	0.17					99.25
				38	109	34	48	15		0.05	10	0	10		0	390	0	70
				10	100	0	0	10	0	30	20	0	10	0	0	0	10	
8439591	GRÖNST	98.980	40.000	50.09	1.26	14.58	11.11	0.17	6.67	9.83	3.65	0.48	0.12					98.18
				96	35	95	51	17		0.03	300	0	8		0	310	10	140
				20	90	0	0	10	0	30	120	0	0	0	0	0	0	
8439592	GRÖNST	99.070	40.010	51.79	1.32	13.99	11.44	0.16	3.53	6.08	5.94	0.16	0.16					94.86
				32	88	33	31	11		0.27	10	10	4		0	390	10	80
				20	90	0	0	0	0	30	70	0	0	0	0	0	0	
8439593	GRÖNST	99.110	39.990	51.05	1.33	14.87	14.25	0.17	5.15	5.22	5.56	0.06	0.14					97.99
				33	118	45	39	12		0.07	30	0	5		0	430	0	90
				20	80	0	10	0	10	0	20	0	10	0	0	0	0	
8439594	GRÖNST	99.440	39.940	47.29	1.66	14.49	13.15	0.18	6.83	11.05	3.51	0.02	0.16					98.57
				50	96	70	48	10		0.05	180	0	6		0	390	0	130
				20	120	0	0	10	10	10	20	0	20	0	10	0	0	
8439595	GRÖNST	99.570	39.970	50.14	1.31	14.51	11.35	0.16	6.82	8.68	4.52	0.05	0.11					97.90
				74	89	91	46	10		0.31	170	0	8		0	310	0	90
				10	90	0	0	0	0	0	20	0	0	0	0	0	0	
8439596	GRÖNST	99.770	40.010	48.67	1.87	13.78	14.80	0.22	6.29	8.36	4.06	0.07	0.19					98.53
				46	120	78	50	14		0.08	80	0	9		0	460	10	120
				20	140	0	0	10	0	10	30	0	10	0	0	0	0	
8439597	GRÖNST	99.920	40.030	46.85	1.21	15.12	11.95	0.17	8.51	8.53	3.32	0.20	0.12					96.23
				53	104	185	47	12		0.05	360	0	13		0	360	10	140
				20	80	0	10	0	10	10	20	0	0	0	0	0	0	
8439598	GRÖNST	100.370	40.050	47.60	1.16	16.53	12.54	0.20	8.40	6.41	4.33	0.19	0.11					97.68
				59	98	109	44	10		0.04	220	0	19		0	380	0	70
				20	70	0	0	0	0	10	40	0	0	10	0	0	0	
8439599	GRÖNST	100.830	39.990	45.78	0.64	17.42	11.62	0.14	8.44	9.91	2.53	0.43	0.08					97.14
				40	80	60	56	14		0.01	40	10	15		0	300	10	160
				0	40	0	0	0	0	10	70	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439600	GRÖNST	100.930	39.990	48.67	1.19	16.55	14.81	0.17	6.09	4.55	3.95	0.18	0.13					96.47
				51	144	46	45	14		0.00	20	0	10		0	440	10	120
				10	70	0	0	10	0	20	40	0	0	0	0	0	0	
8439601	GRÖNST	100.980	39.990	47.13	1.65	16.70	16.97	0.15	5.68	5.18	4.68	0.07	0.20					98.66
				52	137	25	38	16		0.09	10	0	7		0	580	0	120
				20	90	0	0	10	0	0	20	0	20	0	0	0	10	
8439602	GRÖNST	101.070	39.980	49.40	0.79	15.19	9.28	0.15	7.40	10.62	4.20	0.11	0.08					97.40
				79	81	91	40	21		0.01	260	20	10		0	280	0	120
				10	50	0	10	0	0	20	30	0	0	0	0	0	0	
8439603	GRÖNST	101.120	39.960	49.70	1.43	14.68	12.07	0.21	7.49	7.41	3.68	0.04	0.19					97.11
				59	98	50	45	8		0.04	170	0	12		0	360	0	140
				20	100	0	0	0	10	20	30	0	10	0	0	0	0	
8439604	GRÖNST	101.200	39.960	57.77	1.37	13.74	12.04	0.12	4.84	5.04	3.02	0.85	0.17					99.23
				34	39	30	27	12		0.21	30	30	11		0	350	10	140
				20	80	0	0	0	10	20	60	0	0	10	0	0	0	
8439605	GRÖNST	101.260	39.990	44.11	1.87	16.66	17.29	0.19	7.10	5.30	3.99	0.12	0.20					97.05
				15	148	26	39	17		0.07	10	0	12		0	530	10	90
				20	130	0	0	0	10	20	10	0	30	0	0	0	0	
8439606	GRÖNST	101.320	39.990	49.26	1.42	15.63	12.87	0.18	6.08	7.36	4.71	0.10	0.16					97.96
				45	106	59	39	16		0.02	110	0	8		0	380	0	120
				20	100	0	10	10	0	20	40	0	10	0	0	0	10	
8439607	GRÖNST	101.710	40.000	58.94	1.28	12.55	9.78	0.16	4.69	6.69	3.89	0.10	0.19					98.47
				35	90	60	28	16		0.01	120	10	9		0	270	0	220
				30	200	0	0	0	0	20	0	0	20	0	0	0	0	
8439608	GRÖNST	101.820	40.000	48.11	1.41	14.74	11.90	0.19	6.46	12.23	2.90	0.10	0.14					98.38
				85	84	87	45	11		0.01	200	20	8		0	340	0	280
				10	100	0	10	10	0	30	30	0	0	0	0	0	0	
8439609	GRÖNST	102.030	40.040	47.23	0.94	15.85	10.52	0.18	10.52	7.35	3.64	0.09	0.06					96.64
				75	100	312	48	15		0.01	610	0	18		0	250	0	160
				10	60	0	0	0	10	20	10	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439611	GRÖNST	102.210	40.020	51.62	1.42	15.14	12.55	0.19	6.60	5.42	5.29	0.06	0.15					98.61
				27	102	47	36	11		0.03	40	0	6		0	390	0	80
				20	100	0	0	10	0	20	20	0	20	0	0	0	0	
8439612	GRÖNST	102.290	40.010	53.76	1.43	16.29	10.28	0.13	4.99	5.88	5.88	0.04	0.17					99.10
				7	90	45	18	15		0.10	40	0	5		0	450	0	190
				10	90	0	10	0	10	0	0	0	0	0	0	0	0	
8439613	GRÖNST	98.720	40.500	47.89	0.39	16.26	10.02	0.22	9.51	5.28	4.40	0.74	0.05					95.48
				86	82	195	38	16		0.00	450	10	25		0	250	10	90
				10	60	0	10	0	10	0	140	0	0	0	0	0	0	
8439614	GRÖNST	98.780	40.490	46.87	0.78	14.76	8.82	0.25	5.94	9.61	5.39	0.04	0.11					92.80
				62	38	104	25	15		0.05	230	0	7		0	260	10	80
				0	50	0	10	0	10	10	20	0	0	0	0	0	0	
8439615	GRÖNST	98.830	40.500	51.64	0.81	16.06	13.24	0.14	7.55	1.97	0.59	3.33	0.11					95.73
				16	542	189	30	12		0.02	570	0	28		0	330	40	10
				10	60	0	0	0	0	40	130	0	10	0	0	0	0	
8439616	GRÖNST	98.880	40.560	50.34	1.08	12.53	10.11	0.15	5.72	10.15	3.38	0.07	0.11					93.82
				19	114	58	28	14		0.00	250	0	12		0	300	10	150
				10	70	0	0	0	0	10	30	0	0	0	0	0	0	
8439617	GRÖNST	98.940	40.560	47.63	1.45	15.59	10.87	0.18	4.94	10.85	4.84	0.25	0.16					96.99
				65	81	92	30	24		0.03	150	0	6		0	340	10	230
				20	110	0	0	10	0	0	80	0	0	0	0	0	0	
8439618	GRÖNST	99.050	40.500	51.23	1.25	15.99	13.85	0.19	4.98	6.39	5.55	0.06	0.14					99.84
				45	116	50	26	21		0.04	40	0	6		0	440	0	50
				20	90	0	10	0	10	10	10	0	0	0	0	0	0	
8439619	GRÖNST	99.120	40.510	54.34	1.21	15.16	11.67	0.16	3.75	5.84	7.18	0.07	0.18					99.72
				30	106	34	14	12		0.01	0	0	5		0	330	0	60
				20	120	0	0	0	0	20	10	0	0	0	0	0	0	
8439620	GRÖNST	99.150	40.490	57.70	0.99	15.62	10.48	0.19	1.74	5.00	7.37	0.13	0.31					99.69
				14	126	28	0	14		0.02	0	0	2		0	90	10	100
				70	360	0	0	10	0	30	80	0	30	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439621	GRÖNST	99.200	40.510	49.00	1.07	14.10	10.75	0.18	7.96	8.35	4.67	0.05	0.14					96.49
				75	144	44	41	11		0.07	10	0	10		0	270	0	280
				10	90	0	0	0	10	10	40	0	0	10	0	0	0	
8439622	GRÖNST	99.350	40.480	45.72	1.26	15.64	12.24	0.17	7.59	9.24	4.04	0.04	0.14					96.32
				80	111	48	53	6		0.02	20	0	10		0	340	10	680
				10	100	0	0	10	0	10	40	0	0	0	0	0	0	
8439623	GRÖNST	99.500	40.460	50.54	1.42	13.75	12.82	0.17	7.09	8.26	4.34	0.04	0.13					98.75
				79	109	54	59	6		0.03	80	20	5		0	340	0	90
				20	100	0	10	10	10	0	30	0	10	0	0	0	0	
8439624	GRÖNST	99.550	40.540	46.43	1.14	16.11	10.71	0.15	8.05	10.82	3.20	0.22	0.10					97.18
				61	35	129	53	5		0.06	310	30	10		0	290	10	200
				10	80	0	0	10	0	30	30	0	0	0	0	0	0	
8439625	GRÖNST	99.570	40.490	50.33	1.24	13.96	11.88	0.16	5.38	12.16	3.43	0.02	0.12					98.93
				62	37	61	52	6		0.09	120	0	5		0	370	0	280
				10	80	0	10	0	10	10	10	0	0	10	0	0	0	
8439626	GRÖNST	99.780	40.570	49.06	1.19	14.88	10.78	0.16	7.81	9.38	3.28	0.04	0.11					96.92
				69	118	95	49	3		0.02	220	0	11		0	380	10	110
				10	80	0	0	0	10	20	30	0	0	0	0	0	0	
8439627	GRÖNST	99.820	40.480	49.39	1.18	14.55	10.91	0.15	7.82	8.90	3.09	0.09	0.14					96.46
				57	89	181	56	4		0.03	370	0	9		0	310	10	80
				10	80	0	0	0	10	20	30	0	0	0	0	0	0	
8439628	GRÖNST	99.900	40.470	47.97	0.96	16.00	10.88	0.16	6.93	9.10	3.77	0.06	0.10					96.12
				47	91	123	49	3		0.01	240	0	10		0	300	0	120
				0	70	0	10	0	10	20	20	0	0	0	0	0	0	
8439629	GRÖNST	99.950	40.490	50.99	0.82	15.06	8.79	0.15	7.57	8.93	4.36	0.91	0.16					98.02
				50	37	160	47	3		0.03	460	0	11		0	230	20	200
				0	90	0	10	0	10	10	210	0	30	0	0	0	0	
8439630	GRÖNST	100.030	40.490	47.65	1.15	15.19	11.94	0.18	8.66	8.57	3.45	0.06	0.12					97.21
				50	98	180	52	3		0.01	360	0	13		0	360	0	90
				10	70	0	0	0	0	30	30	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439631	GRÖNST	100.080	40.490	48.49	1.19	15.83	11.32	0.15	6.74	4.91	4.76	0.05	0.19					93.80
				57	91	86	52	0		0.00	200	0	18		0	350	0	60
				10	70	0	0	0	10	10	20	0	0	0	0	0	0	
8439632	GRÖNST	100.200	40.550	45.42	0.83	16.27	9.35	0.12	5.25	10.38	4.66	0.38	0.13					93.04
				67	92	165	73	5		0.00	260	0	18		0	300	10	150
				10	50	0	0	0	0	0	40	0	0	0	0	0	0	
8439634	GRÖNST	100.330	40.500	48.17	0.81	14.65	10.04	0.14	8.87	9.24	3.70	0.10	0.09					96.00
				71	80	150	48	4		0.01	460	20	16		0	270	0	90
				10	60	0	10	0	10	20	30	0	0	0	0	0	0	
8439635	GRÖNST	100.370	40.510	48.74	0.72	14.32	8.91	0.15	7.65	9.38	4.78	0.07	0.09					95.02
				66	78	211	51	0		0.01	560	0	14		0	230	10	100
				0	50	0	0	0	0	10	40	0	0	0	0	0	0	
8439636	GRÖNST	100.470	40.500	43.63	0.66	12.67	7.59	0.15	4.38	20.63	0.71	0.02	0.08					90.75
				39	76	187	45	8		0.00	460	0	8		0	240	0	50
				0	50	0	10	0	10	30	0	0	10	10	0	0	0	
8439637	GRÖNST	100.530	40.500	41.98	0.63	12.58	9.52	0.16	9.40	12.66	2.53	0.02	0.08					89.79
				49	78	357	60	3		0.01	750	0	21		0	210	0	70
				0	50	0	10	0	10	20	20	0	0	0	0	0	0	
8439638	GRÖNST	100.580	40.500	46.61	1.53	15.56	12.70	0.21	6.47	9.79	2.58	0.01	0.14					95.85
				93	97	77	57	2		0.03	230	30	11		0	370	0	450
				20	110	0	0	10	0	30	20	0	10	0	0	0	0	
8439639	GRÖNST	100.630	40.550	47.08	1.53	15.92	12.40	0.18	5.41	12.04	3.61	0.04	0.15					98.59
				80	96	70	54	0		0.05	140	30	6		0	370	0	260
				20	110	0	0	10	0	10	30	0	10	0	0	0	0	
8439640	GRÖNST	100.680	40.550	46.92	1.58	15.41	12.30	0.18	6.47	10.79	3.60	0.08	0.15					97.67
				72	119	86	48	0		0.00	190	20	12		0	350	0	210
				20	120	0	0	10	0	10	30	0	10	0	0	0	0	
8439641	GRÖNST	100.720	40.510	45.59	2.07	14.08	15.70	0.25	6.67	9.78	3.19	0.09	0.19					97.83
				85	159	52	52	16		0.08	40	0	8		0	440	0	110
				30	160	0	0	20	0	20	0	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439643	GRÖNST	100.870	40.500	56.11	1.00	14.50	11.50	0.09	5.66	4.01	3.92	0.67	0.14					97.78
				29	92	24	32	11		0.11	10	0	15		0	310	10	60
				10	70	0	0	10	0	10	50	0	0	0	0	0	0	
8439644	GRÖNST	100.930	40.500	54.30	1.00	14.40	9.52	0.12	5.98	6.31	5.03	0.11	0.17					97.07
				64	80	49	42	12		0.00	120	10	11		0	270	0	60
				10	70	0	0	10	0	10	0	0	0	10	0	0	0	
8439645	GRÖNST	100.980	40.570	49.15	1.40	14.57	12.58	0.18	7.29	9.26	3.64	0.09	0.14					98.56
				74	113	54	48	13		0.13	160	0	6		0	350	0	190
				20	100	0	0	10	0	0	20	0	20	0	0	0	0	
8439646	GRÖNST	101.030	40.480	46.34	1.26	16.53	13.91	0.12	6.30	8.75	3.80	0.04	0.14					97.37
				27	104	43	34	17		0.01	30	30	7		0	460	0	170
				20	90	0	0	10	0	20	10	0	0	0	0	0	0	
8439647	GRÖNST	101.080	40.500	52.42	1.78	15.00	14.25	0.12	5.81	4.47	5.18	0.10	0.19					99.53
				24	120	28	32	14		0.08	10	0	9		0	470	0	90
				30	130	0	0	20	0	10	10	0	10	0	0	0	0	
8439648	GRÖNST	101.120	40.500	51.01	1.72	14.81	14.53	0.13	5.41	6.10	5.26	0.11	0.19					99.55
				26	108	26	39	14		0.19	10	30	10		0	460	0	80
				30	120	0	0	10	0	10	0	0	10	10	0	0	0	
8439649	GRÖNST	101.180	40.500	51.63	1.57	14.28	13.63	0.14	5.52	6.95	5.58	0.09	0.17					99.82
				25	107	29	31	13		0.17	20	0	9		0	430	0	70
				20	110	0	0	10	0	10	0	0	10	0	0	0	0	
8439650	GRÖNST	101.260	40.500	51.87	1.04	14.40	9.82	0.12	5.49	9.52	4.97	0.11	0.14					97.67
				46	78	71	30	14		0.03	140	0	8		0	300	0	100
				10	80	0	0	0	0	30	40	0	10	0	0	0	0	
8439651	GRÖNST	101.310	40.500	48.85	1.43	15.93	12.70	0.14	6.84	7.27	4.08	0.09	0.18					97.66
				61	126	93	50	12		0.02	190	0	12		0	350	0	50
				20	100	0	0	10	0	20	30	0	0	0	0	0	0	
8439652	GRÖNST	101.360	40.530	52.19	1.52	14.58	13.31	0.15	6.23	5.16	4.75	0.07	0.15					98.29
				46	107	43	35	12		0.03	20	0	10		0	440	0	50
				20	100	0	0	20	0	20	30	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439653	GRÖNST	101.390	40.530	52.36	1.67	13.87	11.85	0.17	6.94	5.77	4.87	0.30	0.15					98.10
				25	102	95	44	14		0.00	130	0	7		0	360	10	60
				20	130	0	0	10	0	10	40	0	10	0	0	0	0	
8439654	GRÖNST	101.440	40.500	47.45	1.41	14.47	11.80	0.17	7.05	12.84	2.70	0.07	0.13					98.29
				89	90	75	43	17		0.02	250	10	6		0	330	0	230
				20	100	0	0	10	0	0	20	0	0	10	0	0	0	
8439655	GRÖNST	101.590	40.450	49.67	1.42	14.18	15.46	0.20	6.25	6.72	4.41	0.07	0.14					98.71
				52	121	58	41	13		0.06	70	0	7		0	430	0	70
				20	100	0	0	10	0	30	10	0	10	0	0	0	0	
8439656	GRÖNST	101.620	40.410	46.29	1.60	13.95	12.01	0.17	6.84	11.86	2.87	0.08	0.16					96.06
				86	97	70	44	19		0.11	230	10	7		0	350	0	190
				20	120	0	0	10	0	0	0	0	10	0	0	0	0	
8439657	GRÖNST	101.660	40.430	47.26	1.64	14.51	12.31	0.18	6.97	11.41	3.29	0.08	0.17					98.03
				51	93	69	38	11		0.05	230	0	7		0	380	0	220
				20	120	0	0	10	0	20	30	0	0	0	0	0	10	
8439658	GRÖNST	101.680	40.490	48.01	1.59	14.62	12.98	0.18	6.11	11.16	3.12	0.07	0.15					98.18
				73	103	60	42	13		0.05	60	30	5		0	370	0	140
				20	120	0	0	10	0	20	10	0	0	0	0	0	0	
8439659	GRÖNST	101.950	40.510	47.15	1.61	14.67	12.98	0.19	6.53	10.85	3.13	0.17	0.15					97.60
				80	111	60	44	12		0.02	60	10	5		0	370	0	150
				20	120	0	10	0	0	30	30	0	0	0	0	0	0	
8439660	GRÖNST	102.020	40.490	52.53	1.37	13.85	10.84	0.17	6.99	7.36	4.94	0.04	0.14					98.40
				98	94	69	39	17		0.03	160	0	10		0	310	0	100
				20	100	0	0	10	0	20	10	0	10	0	0	0	0	
8439661	GRÖNST	102.060	40.500	52.33	1.40	13.03	12.00	0.15	7.70	7.97	4.37	0.04	0.14					99.29
				69	109	71	39	14		0.05	150	0	6		0	330	0	120
				20	100	0	10	0	10	0	10	0	10	0	10	0	0	
8439662	GRÖNST	102.100	40.500	48.82	1.46	14.43	12.55	0.18	7.48	7.26	4.08	0.05	0.14					96.64
				76	111	80	46	15		0.06	170	0	9		0	340	0	80
				10	100	0	0	0	10	20	30	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439663	GRÖNST	102.140	40.500	47.87	1.45	14.51	11.82	0.17	6.66	11.44	3.41	0.04	0.14					97.69
				90	101	83	39	18		0.02	170	20	10		0	340	0	140
				20	100	0	0	10	0	10	30	0	0	0	0	0	0	
8439664	GRÖNST	102.190	40.500	48.46	1.48	14.81	11.85	0.17	6.53	9.44	3.91	0.05	0.14					97.04
				70	101	79	43	15		0.03	180	10	9		0	350	0	110
				20	100	0	0	10	0	10	30	0	0	0	0	0	0	
8439665	GRÖNST	102.260	40.500	47.99	1.40	14.43	11.80	0.15	6.80	10.34	3.70	0.05	0.14					96.99
				86	36	76	40	13		0.06	160	20	10		0	350	0	90
				20	100	0	0	10	0	20	10	0	10	0	0	0	0	
8439666	GRÖNST	98.590	41.050	47.40	0.96	15.29	9.52	0.12	7.60	7.00	4.47	0.06	0.10					92.71
				86	78	96	33	11		0.06	220	0	22		0	310	0	110
				10	60	0	0	0	10	0	40	0	10	0	0	0	0	
8439667	GRÖNST	98.650	41.010	58.50	1.17	15.31	9.12	0.04	1.26	4.94	6.63	0.48	0.94					98.54
				30	98	47	3	14		0.01	50	0	8		0	160	10	160
				60	300	0	0	0	0	10	40	0	20	10	0	0	0	
8439668	GRÖNST	98.720	41.010	42.85	1.54	14.90	12.81	0.17	8.32	10.25	2.33	0.87	0.17					94.43
				66	124	302	52	20		0.01	50	0	12		0	330	10	460
				20	120	0	0	0	10	20	50	0	10	0	0	0	0	
8439669	GRÖNST	98.800	41.010	48.56	1.54	16.61	9.97	0.14	5.08	7.45	4.88	1.03	0.16					95.60
				83	93	75	44	9		0.05	20	0	12		0	340	20	100
				20	120	0	10	10	0	0	50	0	0	0	0	0	10	
8439670	GRÖNST	98.870	41.000	48.78	1.90	13.82	13.85	0.20	5.55	6.58	4.65	0.05	0.20					95.80
				54	115	54	42	4		0.10	10	0	9		0	400	0	120
				30	160	0	0	10	0	20	20	0	0	0	0	0	0	
8439671	GRÖNST	98.920	41.010	47.98	1.45	14.63	11.95	0.16	5.98	11.56	3.50	0.45	0.14					98.01
				83	91	89	40	9		0.11	20	10	10		0	330	10	260
				20	110	0	10	0	10	10	40	0	0	0	0	0	0	
8439672	GRÖNST	99.000	41.000	38.45	1.49	17.27	13.77	0.26	6.51	14.23	1.66	0.04	0.15					94.01
				89	95	92	44	13		0.03	40	20	14		0	370	0	370
				20	120	0	0	10	0	20	20	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					SXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439673	GRÖNST	99.110	40.990	56.64	1.48	14.68	10.97	0.15	3.25	3.39	6.23	0.10	0.41					97.44
				21	107	37	17	0		0.06	0	0	6		0	150	0	40
				40	210	0	0	0	0	10	40	0	10	10	0	0	0	
8439674	GRÖNST	99.840	41.000	45.84	1.05	15.29	12.07	0.19	9.78	8.58	2.58	0.42	0.10					96.06
				42	91	224	46	2		0.04	40	0	16		0	330	10	160
				10	80	0	0	10	0	10	50	0	20	0	0	0	0	
8439675	GRÖNST	99.960	41.000	53.92	0.94	17.47	11.01	0.10	2.56	3.90	3.91	2.69	0.10					96.79
				24	85	202	31	0		0.01	70	0	19		0	450	50	60
				0	70	0	0	0	10	30	140	0	20	0	0	0	0	
8439676	GRÖNST	100.020	41.000	37.92	0.68	13.97	6.21	0.14	4.79	18.41	4.29	1.07	0.10					87.73
				75	60	320	45	8		0.01	80	10	16		0	230	10	110
				0	50	0	0	10	0	20	90	0	0	0	0	0	10	
8439677	GRÖNST	100.090	41.000	48.69	0.36	18.90	6.18	0.12	5.79	6.13	4.17	3.47	0.12					94.63
				96	77	242	60	1		0.03	90	0	22		0	300	40	90
				0	60	0	10	0	0	20	450	0	0	0	0	0	0	
8439678	GRÖNST	100.130	41.000	46.65	0.83	16.25	8.71	0.12	7.70	6.82	5.26	0.40	0.11					93.10
				38	88	144	42	5		0.22	40	0	23		0	280	10	100
				10	60	0	0	0	0	10	110	0	10	0	0	0	0	
8439679	GRÖNST	100.170	41.000	46.38	0.76	15.92	10.54	0.15	9.64	6.59	4.24	0.05	0.09					94.47
				70	78	154	33	1		0.01	50	10	23		0	260	0	150
				10	50	0	0	0	0	0	10	0	10	0	0	0	0	
8439680	GRÖNST	100.220	41.000	48.07	1.53	16.20	11.78	0.18	6.27	7.33	4.58	0.56	0.14					96.84
				75	100	113	48	3		0.02	30	0	14		0	350	10	370
				20	120	0	0	10	10	0	30	0	0	0	0	0	0	
8439681	GRÖNST	100.280	41.000	46.50	1.10	18.88	9.11	0.15	5.43	11.46	2.98	1.36	0.10					97.23
				69	73	85	32	4		0.02	30	0	13		0	250	20	230
				10	90	0	0	0	0	10	70	0	0	0	0	0	0	
8439632	GRÖNST	100.330	41.000	45.88	1.21	17.65	9.39	0.14	4.09	14.32	3.03	0.06	0.12					96.03
				57	72	77	29	1		0.01	20	20	9		0	280	0	270
				10	100	0	0	10	0	0	10	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439683	GRÖNST	100.390	41.000	47.05	1.08	17.97	8.59	0.14	4.65	12.98	3.15	0.02	0.10					95.89
				68	63	88	29	2		0.04	30	10	8		0	240	0	230
				10	90	0	10	0	0	10	0	0	0	0	0	0	0	
8439684	GRÖNST	100.440	41.000	45.33	2.37	14.41	16.18	0.18	7.28	5.64	2.89	0.02	0.26					94.81
				56	146	46	38	1		0.18	0	10	12		0	480	0	70
				40	180	0	0	10	0	40	0	0	20	0	0	0	0	
8439685	GRÖNST	100.540	41.000	51.52	1.27	14.08	13.44	0.19	4.64	6.35	6.17	0.10	0.14					98.09
				42	110	40	29	0		0.09	0	0	6		0	440	0	50
				20	80	0	0	10	0	20	40	0	0	0	0	0	0	
8439686	GRÖNST	100.580	41.000	46.58	1.17	15.93	12.51	0.17	8.88	5.27	4.15	0.15	0.12					95.12
				63	108	92	43	0		0.10	10	0	10		0	350	10	190
				10	80	0	0	0	0	20	70	0	0	0	0	0	0	
8439687	GRÖNST	100.660	41.000	48.18	1.68	15.63	15.13	0.16	4.75	6.85	5.35	0.08	0.21					98.26
				29	112	44	33	0		0.17	0	20	7		0	470	0	100
				30	130	0	0	10	0	10	30	0	10	10	0	0	10	
8439688	GRÖNST	100.740	41.000	44.60	1.65	13.67	12.25	0.15	6.88	9.49	2.29	1.16	0.16					92.54
				81	89	76	38	2		0.13	20	0	12		0	370	20	40
				20	130	0	0	10	0	20	110	0	0	0	0	0	0	
8439689	GRÖNST	100.870	40.990	49.36	1.15	13.24	11.29	0.13	4.01	10.01	5.69	0.05	0.13					95.20
				45	77	38	30	8		0.03	0	0	5		0	340	0	50
				20	80	0	0	10	0	10	20	0	0	0	0	0	0	
8439690	GRÖNST	100.960	41.030	49.48	1.50	15.74	11.09	0.19	6.34	5.76	4.74	0.13	0.15					95.28
				71	94	54	46	8		0.01	20	0	12		0	340	10	220
				20	120	0	0	0	0	30	20	0	0	0	0	0	0	
8439692	GRÖNST	101.120	41.030	49.66	1.22	12.58	12.32	0.16	8.60	6.41	4.25	0.06	0.11					95.53
				62	112	79	47	9		0.05	20	0	7		0	310	0	70
				20	90	0	0	10	0	10	10	0	0	10	0	0	10	
8439693	GRÖNST	101.210	41.000	47.96	1.51	16.37	15.11	0.18	7.12	2.41	4.91	0.04	0.19					95.98
				24	131	22	43	14		0.08	0	0	10		0	410	0	40
				20	110	0	0	0	0	20	0	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439694	GRÖNST	101.290	41.000	47.80	1.67	14.06	12.51	0.19	6.26	7.46	3.61	0.18	0.16					94.14
				77	109	49	51	22		0.16	10	20	12		0	360	10	120
				20	130	0	0	0	0	20	40	0	0	0	0	0	10	
8439695	GRÖNST	101.350	40.990	48.30	1.57	14.86	12.68	0.19	6.06	10.61	3.63	0.26	0.14					98.48
				88	96	58	44	20		0.03	10	10	6		0	360	10	210
				20	120	0	0	10	0	20	10	0	20	0	0	0	0	
8439696	GRÖNST	101.430	40.970	46.25	1.98	13.66	15.28	0.23	5.78	11.55	3.30	0.09	0.22					98.72
				71	117	68	48	17		0.38	120	10	4		0	430	10	180
				40	160	0	0	10	0	20	80	0	0	10	0	0	0	
8439697	GRÖNST	101.480	41.000	46.54	1.30	15.05	10.12	0.15	5.08	10.62	4.53	0.04	0.11					93.71
				80	76	92	41	14		0.06	20	10	5		0	290	0	210
				20	100	0	0	0	0	20	30	0	0	0	0	0	0	
8439698	GRÖNST	101.540	41.010	44.89	1.57	15.00	13.73	0.21	7.49	9.46	3.70	0.03	0.13					96.52
				82	105	77	50	16		0.30	20	0	9		0	370	0	140
				20	120	0	0	10	0	30	30	0	0	0	0	0	0	
8439699	GRÖNST	101.610	41.000	49.57	1.06	15.75	10.04	0.17	6.90	6.52	5.25	0.12	0.08					95.58
				81	88	131	45	13		0.02	30	0	10		0	230	0	60
				10	70	0	0	10	0	20	30	0	10	0	0	0	0	
8439700	GRÖNST	101.670	41.010	46.78	1.45	13.89	11.24	0.17	7.44	10.00	3.68	0.03	0.18					95.00
				78	96	73	42	19		0.01	140	0	7		0	320	0	140
				10	110	0	0	0	0	30	10	0	0	0	0	0	0	
8439701	GRÖNST	101.780	41.000	47.52	1.65	13.79	13.01	0.19	6.56	10.11	3.81	0.03	0.16					97.03
				75	106	59	48	13		0.05	60	0	6		0	370	0	70
				20	120	0	0	10	0	10	10	0	10	0	0	0	0	
8439702	GRÖNST	101.860	41.000	48.91	1.65	13.56	13.07	0.19	7.37	8.95	3.73	0.04	0.13					97.77
				71	101	62	45	14		0.00	130	0	8		0	360	0	110
				20	120	0	0	10	0	30	10	0	0	0	0	0	0	
8439703	GRÖNST	101.920	41.000	48.96	1.41	14.42	11.81	0.17	7.94	8.97	3.66	0.04	0.11					97.73
				89	88	81	44	13		0.06	320	30	9		0	330	0	90
				20	100	0	0	10	0	0	0	0	10	10	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439704	GRÖNST	101.970	40.990	50.36	1.09	14.11	10.18	0.17	7.61	8.79	4.30	0.04	0.08					96.92
				92	80	112	40	14		0.00	260	10	8		0	270	0	130
				10	70	0	0	0	10	30	30	0	0	0	0	0	0	
8439705	GRÖNST	102.060	40.990	48.27	1.54	12.59	12.88	0.19	6.35	13.41	2.78	0.03	0.14					98.60
				89	33	70	44	8		0.35	180	0	6		0	390	0	380
				20	110	0	0	10	0	40	40	0	0	0	0	0	0	
8439706	GRÖNST	98.220	41.500	46.48	1.11	14.98	10.75	0.17	9.42	6.39	3.52	0.02	0.08					93.14
				67	85	198	40	6		0.00	390	0	22		0	290	0	70
				10	70	0	0	10	10	10	10	0	0	0	0	0	0	
8439709	GRÖNST	98.440	41.500	44.89	0.62	14.27	8.96	0.12	9.23	6.77	3.10	0.85	0.07					89.05
				41	58	135	34	5		0.01	460	0	30		0	240	20	120
				0	50	0	0	0	0	30	30	0	10	0	0	0	0	
8439710	GRÖNST	98.510	41.550	48.82	1.40	17.39	10.34	0.12	4.99	5.55	5.90	0.18	0.14					95.01
				80	73	64	36	6		0.04	170	10	18		0	270	10	60
				20	110	0	0	0	0	20	30	0	0	10	0	0	0	
8439711	GRÖNST	98.550	41.500	43.77	1.22	14.31	10.37	0.16	5.78	10.74	3.62	0.51	0.11					90.76
				69	73	93	37	4		0.01	230	0	24		0	320	10	100
				20	90	0	0	0	0	0	50	0	0	10	0	0	0	
8439712	GRÖNST	98.620	41.480	48.92	1.08	16.60	11.67	0.14	9.39	3.09	4.45	0.04	0.15					95.68
				70	87	72	43	8		0.01	160	0	22		0	330	0	30
				10	80	0	0	0	0	20	30	0	0	0	0	0	0	
8439713	GRÖNST	98.670	41.490	46.77	1.05	16.79	10.57	0.14	6.48	6.68	5.34	0.05	0.14					94.17
				94	86	109	44	6		0.01	250	0	16		0	280	0	80
				10	80	0	0	10	0	10	40	0	0	0	0	0	0	
8439714	GRÖNST	98.740	41.490	50.90	2.03	14.70	15.47	0.14	4.28	4.71	6.47	0.04	0.23					99.15
				37	90	56	38	5		0.07	40	0	9		0	390	0	50
				20	140	0	0	0	10	30	10	0	0	10	0	0	0	
8439715	GRÖNST	98.810	41.460	50.82	1.50	15.52	11.87	0.17	6.63	4.24	5.37	0.03	0.14					96.47
				83	95	96	45	0		0.00	220	0	13		0	330	0	60
				20	110	0	0	0	0	10	20	0	20	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439716	GRÖNST	98.860	41.470	51.11	1.46	14.93	13.21	0.15	4.53	5.10	4.93	0.04	0.18					95.81
				35	103	38	24	5		0.00	0	0	10		0	430	0	70
				20	110	0	0	10	0	20	40	0	0	0	0	0	0	
8439717	GRÖNST	98.980	41.470	46.95	1.35	14.30	11.92	0.16	6.50	12.20	3.10	0.37	0.13					97.25
				94	31	81	36	4		0.13	240	20	10		0	320	10	110
				20	100	0	0	10	0	20	70	0	0	10	0	0	0	
8439718	GRÖNST	99.100	41.500	46.72	1.51	14.88	13.97	0.20	7.71	7.75	3.66	0.03	0.14					96.78
				78	108	79	48	7		0.09	90	0	15		0	370	0	130
				20	110	0	0	10	0	10	0	0	0	0	0	0	0	
8439721	GRÖNST	99.600	41.490	45.39	0.37	16.08	9.97	0.17	8.67	12.41	1.97	0.54	0.05					96.37
				73	68	185	47	24		0.00	450	20	14		0	260	10	400
				10	50	0	0	0	0	20	90	0	0	0	0	0	0	
8439722	GRÖNST	99.630	41.500	43.76	0.94	14.55	11.90	0.20	13.13	7.55	1.21	0.76	0.08					94.33
				43	106	280	59	16		0.01	510	0	19		0	290	10	70
				10	60	0	0	10	0	0	170	0	10	0	0	0	0	
8439723	GRÖNST	99.740	41.520	42.11	0.91	16.31	9.55	0.30	6.20	9.63	3.94	1.30	0.12					90.66
				79	99	111	41	8		0.21	260	30	20		0	300	20	100
				10	60	0	0	0	0	0	60	0	0	0	0	0	0	
8439724	GRÖNST	99.820	41.500	55.30	0.95	16.21	9.25	0.13	3.51	6.62	6.22	0.07	0.13					98.52
				27	79	33	35	8		0.00	30	0	10		0	340	0	100
				20	90	0	0	0	0	30	10	0	0	0	0	0	0	
8439725	GRÖNST	99.890	41.500	48.36	0.71	15.24	9.39	0.17	7.39	7.24	4.47	0.07	0.08					93.30
				91	68	82	40	12		0.00	300	0	19		0	270	0	80
				0	50	0	0	0	0	0	40	0	0	0	0	0	0	
8439726	GRÖNST	99.950	41.500	46.46	1.52	16.13	11.05	0.13	6.11	8.54	4.44	0.64	0.14					95.37
				66	99	127	48	14		0.00	300	10	11		0	340	10	70
				20	110	0	0	10	0	10	60	0	0	0	0	0	0	
8439727	GRÖNST	100.040	41.500	47.81	1.10	16.26	14.34	0.19	6.31	7.16	4.03	0.07	0.14					97.59
				28	124	32	41	17		0.01	20	0	11		0	380	0	410
				20	100	0	0	0	0	0	40	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439728	GRÖNST	100.170	41.500	45.73	1.82	15.92	13.53	0.18	5.95	7.58	3.83	0.06	0.17					94.95
				73	114	74	48	14		0.06	140	0	12		0	380	0	70
				30	140	0	0	0	0	10	10	0	10	0	0	0	0	
8439730	GRÖNST	100.320	41.500	47.73	0.82	15.08	9.97	0.15	5.80	8.03	5.52	0.10	0.11					93.44
				52	77	64	33	11		0.02	100	0	10		0	260	0	60
				10	50	0	0	10	0	10	40	0	0	0	0	0	0	
8439731	GRÖNST	100.380	41.500	49.20	1.39	15.55	13.47	0.16	6.30	5.49	4.71	0.05	0.18					96.68
				36	110	37	41	11		0.05	20	0	13		0	370	0	90
				20	100	0	0	10	10	10	20	0	0	0	0	10	0	
8439732	GRÖNST	100.410	41.470	55.06	1.38	14.21	8.49	0.11	2.14	9.02	6.54	0.08	0.17					97.39
				26	79	35	28	15		0.04	30	0	6		0	380	0	190
				20	100	0	0	10	0	10	30	0	0	10	0	0	0	
8439733	GRÖNST	100.510	41.480	47.19	1.39	16.94	11.28	0.18	5.92	9.64	3.70	0.73	0.14					97.34
				135	89	69	41	12		0.05	190	10	11		0	320	10	300
				20	100	0	0	0	0	30	60	0	0	0	0	0	0	
8439734	GRÖNST	100.540	41.480	47.02	1.41	16.51	11.31	0.18	6.20	7.27	3.39	1.51	0.14					95.17
				73	85	65	39	13		0.06	170	0	16		0	330	20	160
				20	110	0	0	10	0	30	90	0	20	0	0	0	0	
8439735	GRÖNST	100.590	41.500	53.47	1.50	15.05	12.95	0.11	5.82	3.37	5.69	0.07	0.20					98.40
				25	98	35	26	10		0.06	10	0	13		0	380	0	80
				20	120	0	0	10	0	10	30	0	0	0	0	0	0	
8439736	GRÖNST	100.660	41.510	56.77	1.35	15.64	11.54	0.10	4.62	2.16	6.02	0.11	0.23					98.82
				35	101	27	23	12		0.25	10	10	12		0	450	0	50
				20	90	0	0	10	0	0	30	0	0	10	0	0	0	
8439737	GRÖNST	100.730	41.500	54.69	1.29	13.62	10.91	0.19	5.05	4.95	4.36	0.05	0.13					95.50
				53	78	36	23	21		0.24	20	10	14		0	390	0	40
				20	90	0	0	10	0	20	20	0	10	10	0	0	0	
8439738	GRÖNST	100.790	41.500	43.04	1.58	14.42	18.16	0.37	9.27	5.19	2.99	0.05	0.15					95.46
				421	125	82	43	13		0.04	340	0	17		0	320	0	50
				20	120	0	0	10	0	10	40	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	S PPM
8439739	GRÖNST	100.850	41.490	44.58	1.03	15.67	11.17	0.14	8.38	9.93	2.20	0.87	0.09					94.21
				9	43	151	48	20		0.00	270	20	17		0	230	20	70
				10	70	0	0	0	0	20	120	0	20	0	0	0	0	
8439740	GRÖNST	100.920	41.500	47.51	1.60	13.64	13.45	0.16	6.88	9.44	3.40	0.06	0.15					96.46
				9	42	63	41	17		0.00	100	10	8		0	370	0	150
				30	130	0	0	20	0	10	40	0	20	0	0	0	0	
8439741	GRÖNST	100.960	41.500	46.04	1.68	13.38	13.02	0.19	6.62	10.94	3.27	0.03	0.16					95.50
				11	95	67	35	17		0.02	110	0	8		0	380	0	90
				30	140	0	0	20	0	20	30	0	0	0	0	10	0	
8439742	GRÖNST	101.020	41.500	44.89	1.14	14.33	13.22	0.20	6.44	12.96	2.25	0.05	0.09					95.82
				20	145	111	40	25		0.07	290	10	8		0	270	0	510
				10	80	0	0	10	0	0	50	0	0	0	0	0	0	
8439743	GRÖNST	101.070	41.520	49.41	1.46	14.83	10.41	0.17	6.00	10.88	4.03	0.03	0.15					97.71
				17	93	80	32	17		0.38	190	0	9		0	340	0	140
				20	110	0	0	10	0	20	10	0	0	0	0	0	0	
8439744	GRÖNST	99.390	34.720	48.49	1.05	16.72	12.07	0.14	4.64	9.14	4.37	0.07	0.09					96.97
				50	106	148	34	15		0.00	300	30	13		0	380	0	70
				10	50	0	0	10	0	0	30	0	0	10	0	0	0	
8439745	GRÖNST	99.490	34.680	44.09	0.86	15.41	10.72	0.26	5.24	13.44	2.93	0.57	0.11					93.80
				52	103	165	31	20		0.00	350	10	13		0	300	10	150
				20	40	0	0	0	0	0	70	0	0	0	0	0	0	
8439746	GRÖNST	99.570	34.760	50.16	0.86	16.46	11.22	0.18	7.46	5.69	4.74	0.12	0.08					97.13
				58	107	90	26	10		0.02	160	10	18		0	320	0	80
				10	50	0	0	0	0	10	60	0	0	0	0	0	0	
8439747	GRÖNST	99.620	34.740	43.10	1.19	13.64	18.82	0.39	6.31	3.03	2.04	0.35	0.05					89.20
				68	254	193	22	16		0.12	370	0	18		0	330	10	30
				10	80	0	0	10	0	20	110	0	0	0	0	0	10	
8439748	GRÖNST	99.650	34.720	45.42	0.98	16.14	8.76	0.14	9.51	10.56	1.90	1.17	0.08					94.89
				66	69	186	29	22		0.00	230	0	18		0	210	20	180
				10	80	0	0	10	0	10	590	0	20	0	0	0	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439749	GRÖNST	99.730	34.810	47.14	0.95	15.29	8.78	0.15	8.36	10.92	3.28	0.27	0.08					95.43
				76	79	206	46	39		0.00	460	10	18		0	250	10	190
				10	70	0	0	10	0	0	50	0	0	10	0	0	0	
8439750	GRÖNST	99.760	34.860	46.18	1.64	16.30	12.18	0.19	6.44	9.27	3.85	0.05	0.17					96.47
				62	93	75	42	14		0.03	150	0	11		0	390	0	200
				20	120	0	0	0	0	30	0	0	10	0	0	0	0	
8439751	GRÖNST	99.860	34.790	49.24	1.37	15.61	12.71	0.14	6.69	6.16	4.70	0.11	0.16					97.05
				51	129	48	40	13		0.04	40	0	10		0	400	0	80
				20	100	0	0	10	0	30	30	0	20	0	0	0	0	
8439752	GRÖNST	99.900	34.730	52.25	1.28	14.15	11.29	0.17	5.53	7.67	4.10	0.06	0.15					96.83
				49	104	51	36	13		0.07	50	0	12		0	370	0	120
				20	90	0	20	10	0	0	20	0	0	0	0	0	0	
8439753	GRÖNST	99.960	34.740	52.66	1.31	15.90	10.21	0.12	6.56	4.40	5.88	0.06	0.15					97.45
				68	101	62	43	13		0.10	90	0	10		0	340	0	80
				20	90	0	0	10	0	10	30	0	10	0	0	0	0	
8439754	GRÖNST	100.020	34.750	47.46	1.31	14.14	11.91	0.15	8.05	6.37	3.39	0.04	0.15					93.18
				63	93	65	40	15		0.07	110	0	13		0	370	0	70
				20	100	0	0	10	0	20	10	0	10	0	0	10	0	
8439755	GRÖNST	100.110	34.720	47.88	1.51	14.18	12.92	0.15	8.12	7.39	3.79	0.05	0.14					96.30
				5	51	72	51	9		0.00	130	0	11		0	340	0	180
				20	110	0	0	0	0	30	10	0	10	0	0	0	10	
8439756	GRÖNST	100.160	34.730	44.98	1.61	15.10	13.22	0.17	7.43	10.98	2.78	0.06	0.16					96.85
				20	66	79	42	20		0.37	130	10	9		0	400	0	260
				20	110	0	0	10	0	10	20	0	0	0	0	0	0	
8439757	GRÖNST	100.220	34.760	48.31	1.28	13.25	11.71	0.14	9.18	9.40	3.15	0.06	0.11					96.75
				12	47	106	46	7		0.05	190	0	11		0	290	0	130
				20	100	0	0	10	0	0	10	0	0	0	0	0	0	
8439758	GRÖNST	100.260	34.790	46.81	1.31	14.30	11.58	0.15	7.43	11.87	2.56	0.18	0.11					96.47
				17	63	97	32	11		0.00	190	10	8		0	300	0	130
				20	100	0	0	10	0	20	50	0	0	0	0	0	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439759	GRÖNST	100.370	34.840	48.92	0.95	13.70	11.74	0.18	8.08	9.80	3.06	0.54	0.08					97.20
				26	71	75	41	17		0.01	190	0	9		0	300	10	160
				10	50	0	0	10	0	10	70	0	0	0	0	0	0	
8439760	GRÖNST	100.460	34.740	58.20	1.14	16.73	7.49	0.13	3.16	4.73	7.50	0.04	0.43					99.69
				25	136	26	11	1		0.00	10	10	6		0	80	0	160
				60	260	0	0	0	10	10	10	10	10	0	0	0	0	
8439761	GRÖNST	100.550	34.750	46.76	0.79	15.99	9.26	0.14	7.86	12.08	2.31	0.37	0.06					95.75
				5	58	151	36	13		0.00	280	10	10		0	230	10	80
				10	50	0	0	10	0	10	40	0	0	0	0	0	0	
8439762	GRÖNST	100.610	34.780	50.71	1.17	14.44	11.52	0.14	6.83	7.89	4.38	0.08	0.14					97.45
				7	35	59	35	11		0.05	60	0	10		10	320	0	210
				20	90	0	0	10	0	20	20	0	0	0	0	0	0	
8439763	GRÖNST	100.650	34.770	52.01	0.92	15.45	10.32	0.14	5.86	8.08	4.73	0.30	0.16					98.10
				9	38	66	31	15		0.00	50	0	10		0	290	10	180
				20	80	0	0	0	0	20	20	0	0	0	0	0	0	
8439771	GRÖNST	99.200	35.250	48.90	1.14	15.93	10.57	0.13	6.41	8.50	4.43	0.24	0.14					96.57
				67	83	101	41	10		0.06	200	0	13		0	370	10	110
				20	60	0	0	10	0	20	20	0	0	0	0	0	0	
8439772	GRÖNST	99.270	35.220	53.37	0.90	12.98	9.01	0.12	5.90	9.34	3.77	0.16	0.11					95.87
				57	74	75	30	12		0.09	150	30	11		0	280	0	220
				10	50	0	0	10	0	10	0	0	10	0	0	0	0	
8439773	GRÖNST	99.330	35.240	48.24	1.02	15.17	10.91	0.13	7.72	7.66	4.22	0.23	0.11					95.56
				52	95	91	39	4		0.02	210	0	15		0	320	0	80
				10	70	0	0	10	0	0	40	0	0	10	0	0	0	
8439774	GRÖNST	99.420	35.240	49.48	0.94	15.61	11.07	0.16	7.86	5.17	5.18	0.13	0.09					95.87
				61	106	174	46	7		0.02	340	0	20		0	260	10	40
				10	60	0	0	0	0	10	20	0	0	0	0	0	0	
8439775	GRÖNST	99.510	35.200	48.04	0.87	13.39	12.18	0.19	8.42	10.60	2.38	0.86	0.26					97.46
				82	101	85	37	17		0.04	330	10	9		0	320	10	480
				10	60	0	0	10	0	10	160	0	0	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439776	GRÖNST	99.570	35.220	55.89	1.03	18.40	8.24	0.04	2.65	3.01	6.39	2.56	0.13					98.55
				52	90	183	32	5		0.00	440	0	12		0	350	50	70
				20	80	0	10	0	10	10	60	0	0	0	0	0	0	
8439777	GRÖNST	99.610	35.330	47.77	0.83	14.54	5.29	0.12	2.46	14.29	6.71	0.38	0.13					92.70
				66	62	246	42	11		0.00	400	10	9		0	230	10	80
				10	70	0	0	0	10	10	20	0	10	10	0	0	0	
8439773	GRÖNST	99.860	35.320	44.24	0.82	18.95	8.69	0.12	7.04	10.41	2.93	1.24	0.06					94.71
				94	57	179	40	10		0.00	270	0	16		0	210	10	380
				10	60	0	0	10	0	0	100	0	0	0	0	0	0	
8439779	GRÖNST	99.920	35.350	47.81	1.53	13.15	12.54	0.38	7.94	10.02	3.15	0.04	0.14					96.97
				85	174	80	47	13		0.23	140	0	8		0	340	0	80
				20	110	0	0	10	0	20	10	0	0	0	0	0	0	
8439780	GRÖNST	100.020	35.390	45.68	1.26	14.68	13.68	0.18	7.53	8.70	3.59	0.07	0.11					95.68
				43	159	116	39	7		0.01	180	0	10		0	310	0	270
				20	100	0	10	10	0	30	20	0	20	0	0	0	0	
8439781	GRÖNST	100.060	35.250	50.63	1.19	15.37	11.51	0.24	7.21	5.25	5.11	0.04	0.13					96.85
				45	105	62	42	7		0.04	40	0	10		0	340	0	120
				20	90	0	0	10	0	10	30	0	0	0	0	0	0	
8439782	GRÖNST	100.110	35.240	50.63	1.65	14.47	12.02	0.22	7.42	5.50	4.95	0.05	0.17					97.71
				2549	99	69	54	8		0.27	150	10	10		0	390	0	130
				30	130	0	0	10	0	0	30	0	10	10	0	0	0	
8439783	GRÖNST	100.160	35.220	45.27	1.46	13.10	16.70	0.23	7.06	7.51	3.51	0.07	0.13					95.21
				7	67	71	66	12		0.02	110	0	10		0	350	0	140
				20	110	0	0	10	0	0	20	0	0	10	0	0	0	
8439784	GRÖNST	100.210	35.200	65.27	0.93	13.37	7.08	0.15	2.94	3.41	5.87	0.04	0.27					99.45
				3	62	33	8	5		0.03	30	20	7		0	110	0	100
				40	170	0	0	0	10	20	30	0	20	10	0	0	0	
8439785	GRÖNST	100.280	35.280	46.62	0.74	16.76	9.61	0.14	8.86	9.19	2.64	1.13	0.05					95.90
				3	57	161	41	8		0.00	300	20	16		0	230	20	130
				10	40	0	0	10	0	10	60	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439786	GRÖNST	100.340	35.250	50.39	1.56	14.24	14.24	0.15	6.21	6.72	5.44	0.06	0.17					99.30
				4	111	55	26	10		0.00	10	0	9		0	420	0	80
				30	110	0	0	0	0	0	20	0	0	0	0	0	0	
8439787	GRÖNST	100.390	35.250	49.47	1.33	14.27	12.42	0.19	7.44	7.15	4.34	0.10	0.15					97.01
				6	108	66	24	6		0.01	50	20	13		0	360	0	130
				20	100	0	0	10	0	30	20	0	10	10	0	0	0	
8439788	GRÖNST	100.450	35.250	49.21	1.20	14.38	12.48	0.20	7.74	6.62	4.43	0.16	0.12					96.69
				25	84	81	35	13		0.00	80	10	11		0	360	0	110
				20	80	0	0	10	0	20	20	0	0	0	0	0	0	
8439789	GRÖNST	100.520	35.240	48.16	1.45	15.70	15.01	0.16	7.02	3.77	4.95	0.05	0.16					96.56
				9	73	60	26	9		0.00	10	0	12		0	440	0	60
				20	90	0	0	10	0	20	30	0	0	0	0	0	0	
8439790	GRÖNST	100.560	35.260	52.41	2.09	15.70	9.36	0.11	5.36	6.70	5.60	0.06	0.35					97.89
				4	95	67	32	9		0.00	70	10	10		0	360	0	130
				40	270	0	0	10	0	10	0	0	20	0	0	10	0	
8439791	GRÖNST	100.610	35.260	50.74	1.20	15.08	11.35	0.13	7.47	5.70	4.95	0.09	0.14					96.98
				4	46	48	31	16		0.01	70	10	12		0	390	0	170
				20	90	0	0	10	0	10	30	0	0	0	0	10	0	
8439792	GRÖNST	100.670	35.270	48.25	1.26	15.30	11.01	0.15	7.90	8.55	3.35	0.93	0.12					96.99
				4	56	103	39	13		0.01	210	0	12		0	300	10	160
				20	90	0	0	10	0	10	50	0	0	0	0	0	0	
8439793	GRÖNST	100.750	35.220	47.57	1.31	14.18	11.95	0.15	7.67	8.58	3.69	0.26	0.13					95.65
				9	50	89	44	21		0.00	200	10	12		0	330	0	160
				20	90	0	0	10	0	10	30	0	0	0	0	0	0	
8439794	GRÖNST	100.790	35.210	51.20	1.62	13.38	14.48	0.14	6.30	7.12	4.91	0.14	0.15					99.62
				16	48	77	42	20		0.01	120	0	10		0	410	0	120
				30	120	0	0	10	0	10	30	0	10	10	0	0	0	
8439795	GRÖNST	100.880	35.220	43.75	1.15	14.19	11.57	0.16	8.10	11.91	2.10	0.26	0.12					93.54
				58	103	237	50	22		0.04	490	0	18		0	320	10	110
				20	30	0	0	10	0	10	10	0	20	10	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						GXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8439796	GRÖNST	99.250	35.790	45.46	1.27	15.79	11.98	0.16	7.64	9.99	2.69	0.44	0.12						95.74
				26	103	122	37	21		0.00	230	0	16		0	370	10	220	
				20	80	0	0	20	0	0	40	0	0	0	0	0	0		
8439797	GRÖNST	99.300	35.800	47.02	1.21	17.31	13.70	0.14	6.64	4.28	4.33	1.15	0.10						96.05
				19	124	128	44	19		0.00	350	0	18		0	280	10	50	
				20	80	0	0	10	0	20	80	0	0	0	0	0	0		
8439798	GRÖNST	99.370	35.840	60.96	0.96	18.54	4.43	0.03	1.27	2.77	8.86	0.64	0.18						98.83
				77	63	203	73	18		0.01	440	20	11		0	230	10	80	
				20	70	0	0	0	0	0	20	0	10	0	0	0	0		
8439799	GRÖNST	99.430	35.830	45.21	0.81	14.20	8.75	0.15	6.00	11.77	4.89	0.21	0.10						92.26
				47	78	192	39	23		0.01	390	0	17		0	260	0	60	
				10	70	0	0	0	0	10	20	0	0	0	0	0	0		
8439800	GRÖNST	99.560	35.840	46.03	1.42	15.29	10.57	0.17	6.64	10.71	3.72	0.16	0.12						95.04
				80	86	97	44	23		0.02	220	10	11		0	340	0	280	
				20	100	0	0	10	0	10	30	0	10	0	0	10	0		
8439801	GRÖNST	99.650	35.800	47.07	1.29	14.30	10.84	0.18	7.37	11.22	3.02	0.20	0.11						95.76
				54	79	80	39	20		0.01	300	0	11		0	320	0	80	
				20	90	0	0	10	0	20	20	0	0	0	0	0	0		
8439802	GRÖNST	99.700	35.840	49.05	1.14	17.37	9.14	0.13	5.90	9.48	3.86	0.72	0.11						97.07
				56	64	61	28	20		0.01	170	20	12		0	270	10	180	
				10	80	0	0	10	0	30	50	0	10	0	0	0	0		
8439803	GRÖNST	99.760	35.800	47.81	1.24	16.35	10.67	0.15	6.89	9.54	3.40	0.48	0.10						96.79
				55	96	68	36	23		0.02	190	0	13		0	290	10	160	
				20	90	0	0	10	0	10	20	0	10	0	0	0	0		
8439804	GRÖNST	100.370	35.610	47.48	1.16	15.01	10.88	0.17	9.49	7.26	3.26	0.63	0.10						95.64
				32	84	121	39	21		0.03	320	20	18		30	280	0	130	
				20	90	0	0	0	0	30	40	0	10	10	0	0	0		
8439805	GRÖNST	100.470	35.610	46.81	0.76	16.58	10.09	0.22	8.55	10.87	2.13	0.97	0.05						97.18
				25	87	156	41	23		0.01	310	10	11		0	210	10	50	
				10	40	0	0	0	0	10	50	0	0	0	0	0	0		

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439806	GRÖNST	100.860	35.700	48.71	1.07	14.82	11.08	0.15	8.42	9.34	1.97	0.33	0.11					96.24
				48	93	175	38	28		0.02	350	0	23		0	320	10	160
				20	80	0	0	10	0	20	40	0	0	0	0	0	0	
8439807	GRÖNST	99.020	36.230	47.38	1.26	14.73	11.92	0.18	7.16	10.86	3.39	0.13	0.12					97.39
				56	92	142	37	29		0.11	260	10	14		0	350	0	220
				20	90	0	10	10	0	10	30	0	20	10	0	0	0	
8439809	GRÖNST	99.150	36.240	49.23	1.42	14.51	13.24	0.19	5.70	7.43	4.21	0.03	0.13					96.28
				41	103	58	33	25		0.02	140	10	13		0	410	0	70
				20	80	0	0	20	0	40	20	0	10	0	0	0	0	
8439810	GRÖNST	99.240	36.250	50.07	0.85	13.24	9.18	0.22	6.77	8.87	5.41	0.09	0.09					94.98
				49	79	230	36	30		0.00	480	0	14		0	250	0	60
				10	80	0	0	0	0	10	40	0	0	0	0	0	0	
8439811	GRÖNST	99.310	36.250	46.92	0.93	13.74	8.65	0.21	7.34	14.42	2.84	0.24	0.07					95.69
				98	54	299	38	34		0.01	530	10	11		0	220	10	890
				10	70	0	0	10	0	10	40	0	10	0	0	0	0	
8439812	GRÖNST	99.400	36.250	49.53	2.07	12.84	13.85	0.15	6.13	7.48	4.32	0.07	0.26					96.91
				34	200	96	38	35		0.03	140	0	8		0	430	10	100
				30	180	0	0	10	0	20	0	0	30	0	0	0	0	
8439813	GRÖNST	99.430	36.250	47.02	1.77	14.85	12.74	0.20	7.13	8.91	3.77	0.10	0.18					96.86
				93	131	97	43	27		0.02	190	10	12		0	390	0	140
				30	140	0	0	10	0	30	20	0	10	0	0	0	0	
8439814	GRÖNST	99.510	36.290	57.84	1.08	14.53	11.38	0.12	4.57	3.24	6.65	0.06	0.15					99.73
				7	91	49	30	24		0.01	30	0	8		0	310	0	60
				10	70	0	0	10	0	20	30	0	0	0	0	0	0	
8439815	GRÖNST	99.570	36.280	44.93	1.36	17.22	12.64	0.24	7.59	8.68	3.64	0.06	0.12					97.73
				127	271	87	44	34		2.19	210	10	15		0	340	0	90
				20	110	0	0	10	0	10	10	0	10	0	0	0	0	
8439816	GRÖNST	99.630	36.270	47.46	1.30	15.24	11.44	0.27	7.67	7.65	4.40	0.06	0.11					95.87
				37	109	114	41	26		0.18	190	0	15		0	320	0	80
				20	100	0	0	10	0	30	20	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439817	GRÖNST	99.660	36.280	47.83	1.44	14.15	11.91	0.22	7.34	9.47	3.77	0.03	0.14					96.71
				91	59	77	45	31		0.53	120	20	10		0	350	0	90
				20	120	0	0	10	0	20	20	0	10	10	0	0	0	
8439818	GRÖNST	99.720	36.290	48.27	1.28	14.65	11.29	0.22	6.52	10.78	3.83	0.03	0.12					97.55
				138	66	69	42	36		0.83	40	10	9		0	390	0	80
				20	90	0	0	20	0	20	30	0	20	0	0	0	0	
8439819	GRÖNST	99.790	36.270	51.10	1.56	14.55	11.87	0.34	6.93	6.12	4.85	0.04	0.16					97.89
				30	187	48	41	10		0.44	40	10	11		0	410	0	70
				20	120	0	0	10	0	20	0	0	0	0	0	0	0	
8439820	GRÖNST	99.810	36.260	47.32	1.09	15.33	12.27	0.45	8.03	7.25	4.04	0.23	0.10					96.26
				6	151	121	40	5		0.00	190	0	16		0	280	0	120
				10	90	0	0	20	0	10	40	0	10	0	0	0	0	
8439821	GRÖNST	99.850	36.280	50.61	1.10	14.27	13.61	0.35	6.62	6.12	4.67	0.04	0.11					97.68
				139	148	35	28	9		0.05	40	20	9		0	340	0	150
				20	70	0	0	10	0	20	0	0	10	10	0	0	0	
8439822	GRÖNST	99.900	36.260	50.75	1.19	14.82	11.95	0.32	6.32	7.96	4.40	0.04	0.12					98.08
				184	140	52	36	5		0.06	40	20	10		0	370	0	130
				20	80	0	0	10	0	20	20	0	0	0	0	0	0	
8439823	GRÖNST	99.950	36.250	47.05	1.26	15.19	12.48	0.25	7.81	9.81	3.04	0.26	0.11					97.45
				33	88	88	40	8		0.02	250	10	11		0	320	0	160
				20	90	0	0	10	0	10	40	0	0	10	0	0	10	
8439824	GRÖNST	99.990	36.250	44.17	1.36	14.27	18.29	0.22	7.80	5.19	3.46	0.07	0.12					95.14
				111	55	64	56	7		0.07	200	0	12		10	360	0	100
				0	90	0	10	0	0	30	30	0	0	0	0	0	0	
8439825	GRÖNST	100.040	36.270	46.11	1.47	15.46	14.13	0.19	7.28	7.97	3.41	0.32	0.13					96.68
				284	58	91	51	7		0.05	190	10	13		30	330	0	130
				30	120	0	0	10	0	30	40	0	0	0	0	0	0	
8439826	GRÖNST	100.100	36.270	49.81	1.32	13.36	15.04	0.18	7.76	6.80	4.23	0.06	0.17					99.53
				676	58	51	38	10		0.10	20	0	11		50	430	0	90
				30	140	0	0	10	0	20	0	0	20	10	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439827	GRÖNST	100.160	36.250	49.69	1.30	14.22	12.44	0.18	7.49	8.42	3.88	0.30	0.12					98.23
				7	47	67	44	6		0.00	190	0	11		130	330	10	220
				20	90	0	0	10	0	0	30	0	20	0	0	0	0	
8439828	GRÖNST	100.210	36.250	55.56	1.36	14.33	12.60	0.12	5.49	4.20	5.64	0.11	0.24					99.75
				14	43	38	26	3		0.01	20	0	11		0	280	0	100
				30	110	0	0	20	0	10	10	0	20	0	0	0	0	
8439829	GRÖNST	100.260	36.250	52.84	1.39	14.98	12.88	0.17	5.01	5.28	5.84	0.21	0.23					98.93
				7	44	39	33	4		0.02	20	10	10		0	320	10	120
				30	100	0	10	10	0	0	30	0	10	0	0	0	0	
8439830	GRÖNST	100.320	36.280	49.71	1.24	14.38	12.60	0.17	6.92	9.01	3.96	0.11	0.13					98.38
				5	43	69	40	1		0.01	150	0	10		30	340	0	180
				20	100	0	0	0	0	0	20	0	0	0	0	0	0	
8439831	GRÖNST	100.430	36.350	49.11	1.39	14.29	11.45	0.15	8.09	6.08	3.35	0.04	0.15					94.23
				5	48	48	26	3		0.01	10	0	16		0	390	0	90
				20	100	0	0	0	0	10	20	0	20	0	0	0	0	
8439832	GRÖNST	100.540	36.360	50.92	0.82	14.50	8.96	0.15	7.90	8.95	4.07	0.74	0.07					97.21
				16	31	89	34	3		0.01	190	0	11		0	270	10	150
				10	70	0	0	0	0	0	40	0	0	0	0	0	0	
8439833	GRÖNST	98.510	37.710	49.16	1.14	15.85	12.42	0.14	5.55	6.75	4.62	0.85	0.13					96.79
				215	92	93	35	6		0.01	230	20	16		0	350	10	120
				20	70	0	0	10	0	0	60	0	0	10	0	0	0	
8439834	GRÖNST	98.570	37.770	48.50	1.26	15.32	11.12	0.16	7.17	6.69	5.07	0.09	0.16					95.71
				55	90	93	40	5		0.01	180	0	19		0	400	0	90
				10	70	0	0	10	0	0	10	0	10	0	0	0	0	
8439835	GRÖNST	98.670	37.730	47.47	1.20	16.28	13.38	0.21	8.84	4.92	4.59	0.07	0.11					97.28
				63	97	197	51	3		0.01	430	0	21		0	360	0	70
				20	90	0	0	10	0	10	20	0	10	0	0	0	0	
8439836	GRÖNST	98.740	37.750	50.93	0.30	14.44	9.01	0.14	10.36	6.58	2.92	1.66	0.17					97.28
				54	75	314	45	3		0.01	720	40	18		50	190	30	90
				10	120	0	0	0	0	10	170	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439837	GRÖNST	98.810	37.750	50.76	1.01	15.43	10.68	0.18	7.77	6.21	4.60	0.04	0.09					97.01
				438	74	116	37	5		0.09	280	20	18		0	320	0	60
				10	70	0	0	10	0	10	10	0	0	0	0	0	0	
8439838	GRÖNST	98.850	37.750	59.34	1.87	17.96	5.70	0.10	1.68	2.87	8.74	0.03	0.33					99.01
				70	443	53	37	6		0.31	50	20	10		0	310	0	80
				30	160	0	0	0	0	20	20	0	10	0	0	0	0	
8439839	GRÖNST	98.880	37.760	48.09	1.28	13.92	12.28	0.15	8.60	5.61	3.16	0.02	0.14					93.42
				62	98	51	38	17		0.02	40	20	17		0	350	0	120
				10	100	0	0	0	0	10	20	0	10	0	0	0	0	
8439840	GRÖNST	98.960	37.800	45.84	1.47	13.13	12.31	0.25	7.32	8.09	3.02	0.03	0.13					91.86
				76	101	60	43	13		0.22	100	0	15		0	340	0	60
				20	100	0	0	10	0	10	50	0	0	0	0	0	0	
8439841	GRÖNST	98.990	37.850	48.65	1.44	14.51	12.44	0.49	4.13	10.48	3.77	0.03	0.16					96.76
				76	634	46	25	18		0.71	60	10	9		0	430	0	370
				20	110	0	0	10	0	20	10	0	0	10	0	0	0	
8439842	GRÖNST	99.070	37.720	46.23	0.75	12.20	11.32	0.22	10.67	12.16	2.12	0.17	0.17					96.28
				42	85	147	48	17		0.01	600	10	13		0	290	0	700
				10	60	0	0	10	0	20	40	0	10	0	0	0	0	
8439843	GRÖNST	99.110	37.750	47.36	1.35	13.80	14.08	0.19	7.22	6.02	2.98	0.51	0.13					93.79
				4	75	56	35	10		0.01	100	0	16		0	330	10	40
				20	100	0	0	0	0	20	60	0	10	0	0	0	0	
8439844	GRÖNST	99.150	37.760	53.40	0.80	15.38	9.04	0.16	7.60	5.03	5.93	0.16	0.16					97.83
				13	72	105	30	13		0.01	420	0	13		0	210	10	120
				0	100	0	10	0	0	30	80	0	20	0	0	0	0	
8439845	GRÖNST	99.190	37.760	48.89	1.28	15.20	13.68	0.20	6.70	6.83	4.23	0.06	0.13					97.58
				321	73	54	37	11		0.38	80	0	11		0	350	0	210
				20	90	0	0	20	0	10	10	0	20	0	0	0	0	
8439846	GRÖNST	99.250	37.780	51.75	1.48	14.72	11.81	0.14	4.84	8.98	4.40	0.05	0.15					98.47
				9	43	53	32	18		0.01	50	0	11		20	420	0	290
				30	120	0	10	10	0	10	20	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439847	GRÖNST	99.300	37.780	46.48	1.18	14.55	14.87	0.18	6.88	8.08	3.71	0.05	0.10					96.24
				5	59	85	50	15		0.00	240	0	12		60	300	0	180
				20	90	0	0	10	0	10	40	0	0	0	0	0	0	
8439848	GRÖNST	99.360	37.730	47.88	1.39	14.04	12.14	0.15	7.44	11.99	2.46	0.51	0.14					98.33
				38	42	118	46	17		0.01	280	0	9		80	330	10	140
				20	100	0	0	10	0	10	40	0	0	0	0	0	0	
8439849	GRÖNST	99.430	37.730	47.55	1.43	14.26	12.68	0.18	7.37	10.68	2.98	0.21	0.13					97.65
				17	47	118	43	12		0.00	270	40	9		20	340	10	130
				20	100	0	0	20	0	0	40	0	20	0	0	0	0	
8439850	GRÖNST	99.500	37.740	49.77	1.07	15.39	11.17	0.12	4.86	10.88	3.87	0.03	0.11					97.41
				34	40	96	33	23		0.00	30	0	10		50	410	0	160
				20	70	0	0	10	0	10	10	0	0	0	0	0	0	
8439851	GRÖNST	99.540	37.800	46.16	1.29	15.18	11.02	0.18	8.30	10.76	2.62	0.35	0.11					96.16
				24	42	164	42	14		0.23	250	0	9		200	280	10	80
				20	100	0	0	10	0	10	30	0	0	0	0	0	0	
8439852	GRÖNST	99.620	37.750	48.27	1.42	13.42	12.20	0.18	7.37	10.21	3.06	0.43	0.14					96.84
				26	46	78	41	13		0.00	210	0	6		90	330	10	150
				20	110	0	0	10	0	0	70	0	0	10	0	0	0	
8439853	GRÖNST	99.670	37.760	55.33	1.32	17.36	6.66	0.11	5.50	3.93	7.01	0.08	0.32					97.79
				5	49	49	24	13		0.01	40	10	13		0	150	10	120
				70	370	0	10	10	0	0	30	0	40	0	0	0	0	
8439854	GRÖNST	99.710	37.750	51.23	1.33	13.26	12.58	0.17	7.91	6.15	4.49	0.17	0.12					97.56
				9	72	78	44	13		0.02	110	0	6		190	350	0	80
				20	90	0	0	10	0	10	40	0	10	0	0	0	0	
8439855	GRÖNST	99.780	37.740	47.36	1.10	15.29	11.01	0.15	8.09	10.48	2.52	0.84	0.11					97.15
				17	53	123	42	21		0.02	300	10	10		150	270	10	120
				20	80	0	30	20	0	20	80	0	10	0	0	0	0	
8439856	GRÖNST	99.840	37.750	50.49	1.58	13.95	12.51	0.12	7.27	7.03	4.53	0.05	0.14					97.82
				3	30	80	44	10		0.01	80	0	6		180	410	0	80
				30	110	0	0	10	0	20	40	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439857	GRÖNST	99.900	37.790	47.05	1.72	13.30	14.01	0.15	6.14	11.01	3.14	0.10	0.15					96.97
				6	36	80	45	12		0.01	110	10	5		370	400	0	130
				30	120	0	0	20	0	10	20	0	20	0	0	0	0	
8439858	GRÖNST	99.950	37.760	48.19	1.51	13.77	12.90	0.15	7.62	9.31	3.53	0.11	0.13					97.43
				10	43	111	44	10		0.01	240	0	6		390	350	0	130
				20	110	0	0	10	0	10	20	0	10	0	0	0	0	
8439859	GRÖNST	98.570	38.240	46.49	1.02	15.66	12.58	0.17	7.95	5.35	4.27	0.05	0.09					93.80
				65	105	96	40	15		0.02	200	0	16		0	350	0	100
				20	50	0	0	0	0	20	40	0	0	0	0	0	0	
8439860	GRÖNST	98.650	38.240	48.13	0.89	14.28	9.32	0.14	7.46	9.77	4.02	0.03	0.12					94.33
				25	82	151	39	8		0.01	330	0	12		0	280	0	210
				10	60	0	0	10	0	10	0	0	20	0	0	0	0	
8439861	GRÖNST	98.740	38.270	49.08	1.83	16.33	13.47	0.14	4.00	5.02	5.67	0.21	0.19					96.14
				24	125	42	36	9		0.07	10	0	8		0	510	0	90
				30	130	0	0	10	0	20	40	0	20	0	0	0	0	
8439862	GRÖNST	98.790	38.240	47.71	1.47	14.64	12.28	0.18	5.41	6.77	4.91	0.04	0.16					93.77
				28	103	51	36	9		0.13	10	0	10		0	420	0	80
				20	100	0	0	10	0	20	20	0	0	0	0	0	0	
8439863	GRÖNST	98.940	38.260	50.80	1.35	14.26	12.72	0.16	6.26	4.78	4.08	0.06	0.14					94.75
				4	65	64	28	11		0.01	50	0	12		0	370	0	80
				20	100	0	0	10	0	20	20	0	10	0	0	0	0	
8439864	GRÖNST	99.050	38.220	50.20	1.22	14.16	13.20	0.22	6.87	6.15	4.78	0.11	0.12					97.23
				6	105	97	39	11		0.01	270	0	8		0	330	0	200
				20	100	0	0	10	0	0	40	0	0	0	0	0	0	
8439865	GRÖNST	99.150	38.240	47.04	1.15	16.10	11.19	0.18	8.51	6.98	2.95	1.89	0.12					96.30
				8	77	98	45	11		0.01	300	10	14		0	280	30	110
				10	90	0	0	10	0	30	200	0	0	0	0	0	0	
8439866	GRÖNST	99.220	38.240	50.47	1.70	14.88	11.87	0.14	4.28	7.83	4.71	0.04	0.29					96.59
				77	91	49	27	17		0.36	20	10	7		0	260	0	350
				40	180	0	0	10	0	20	10	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	GL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439867	GRÖNST	99.330	38.210	52.76	1.59	14.49	11.67	0.20	5.47	5.86	5.41	0.05	0.16					97.87
				55	391	58	29	6		0.02	30	10	8		70	380	0	110
				20	110	0	0	10	0	20	10	0	10	0	0	0	0	
8439868	GRÖNST	99.390	38.240	47.65	1.39	14.44	11.87	0.25	7.53	10.94	2.92	0.55	0.13					97.87
				22	87	97	44	15		0.05	290	0	9		0	320	10	160
				20	100	0	0	10	0	10	60	0	0	0	0	0	0	
8439869	GRÖNST	99.460	38.250	48.44	1.37	13.89	12.70	0.23	6.77	9.81	3.43	0.06	0.13					96.97
				14	94	84	39	16		0.01	100	20	7		0	340	0	90
				20	100	0	0	10	0	10	40	0	0	0	0	0	0	
8439870	GRÖNST	99.550	38.260	47.62	1.22	13.99	11.62	0.24	7.82	9.78	3.34	0.05	0.10					96.07
				54	116	125	41	17		0.23	350	0	9		0	310	0	60
				20	80	0	0	10	0	10	30	0	0	0	0	0	0	
8439871	GRÖNST	99.720	38.210	51.44	1.77	13.76	13.00	0.26	5.57	6.25	5.22	0.04	0.19					97.98
				89	109	35	30	11		0.61	40	10	5		0	370	0	50
				30	130	0	0	10	0	20	20	0	20	0	0	0	0	
8439872	GRÖNST	99.800	38.220	49.76	1.07	14.23	10.71	0.21	6.73	10.32	4.30	0.02	0.10					97.65
				33	104	83	36	10		0.07	230	0	9		0	300	0	100
				20	80	0	0	20	0	20	20	0	10	0	0	0	0	
8439873	GRÖNST	99.890	38.230	47.32	1.83	13.32	14.64	0.19	5.62	9.44	3.52	0.10	0.16					96.31
				12	68	73	41	13		0.00	80	0	6		0	430	0	120
				30	130	0	0	20	0	20	10	0	30	0	0	0	0	
8439874	GRÖNST	97.750	31.470	45.35	0.92	13.25	8.06	0.14	5.05	11.93	5.55	0.06	0.12					90.59
				46	74	136	37	9		0.01	260	0	10		0	270	0	80
				10	60	0	0	0	0	0	20	0	0	0	0	0	0	
8439875	GRÖNST	97.790	31.510	49.94	1.09	14.89	11.90	0.18	8.13	5.29	4.48	0.43	0.11					96.59
				22	30	92	37	14		0.00	230	0	17		0	320	0	90
				10	60	0	0	10	0	20	50	0	0	0	0	0	0	
8439876	GRÖNST	97.850	31.570	50.30	1.19	14.86	10.99	0.15	7.52	7.28	4.35	0.37	0.11					97.29
				17	55	92	34	10		0.00	200	0	15		0	380	0	240
				20	70	0	0	20	0	10	40	0	0	10	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					GXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439877	GRÖNST	97.970	31.500	47.14	1.36	15.14	13.61	0.20	8.37	6.68	3.82	0.26	0.09					96.89
				41	101	70	38	10		0.09	70	30	14		0	430	0	120
				20	80	0	0	10	0	20	40	0	20	0	0	0	0	
8439878	GRÖNST	98.080	31.550	48.14	1.07	14.93	11.50	0.15	9.15	6.53	3.83	0.48	0.11					96.08
				39	93	117	39	9		0.03	250	0	17		0	320	10	180
				20	70	0	0	10	0	30	50	0	0	10	0	0	0	
8439879	GRÖNST	98.180	31.530	46.58	1.18	15.90	12.17	0.19	8.67	8.04	3.64	0.30	0.10					96.95
				39	94	140	40	15		0.00	290	0	14		0	360	10	120
				20	70	0	0	10	0	10	40	0	0	10	0	0	0	
8439880	GRÖNST	98.310	31.490	48.90	0.97	14.79	11.48	0.20	6.20	10.35	4.25	0.15	0.09					97.57
				42	90	133	36	12		0.04	270	10	8		0	330	0	100
				20	50	0	0	10	0	30	10	0	10	0	0	0	0	
8439881	GRÖNST	98.380	31.460	45.28	1.05	15.17	13.08	0.22	6.70	10.31	3.40	0.10	0.11					95.72
				72	100	187	45	16		0.13	440	0	10		0	380	0	100
				10	50	0	0	10	0	10	30	0	0	10	0	0	0	
8439882	GRÖNST	98.500	31.560	45.64	1.13	16.59	9.21	0.16	7.88	11.54	3.07	0.12	0.09					95.63
				72	63	228	37	16		0.01	350	0	14		0	240	0	270
				10	90	0	0	10	0	20	60	0	0	0	0	0	0	
8439883	GRÖNST	98.620	31.520	48.61	0.92	16.63	13.44	0.16	6.77	3.66	3.88	2.03	0.13					96.42
				55	108	142	42	12		0.01	330	0	21		0	320	40	30
				10	60	0	0	10	0	30	240	0	0	0	0	0	0	
8439884	GRÖNST	98.680	31.530	48.45	1.61	14.40	11.64	0.19	5.79	9.77	3.67	0.83	0.17					96.71
				71	96	107	38	14		0.00	210	10	10		0	350	10	160
				20	130	0	0	10	0	20	70	0	10	0	0	0	10	
8439885	GRÖNST	98.740	31.510	49.02	1.20	15.87	13.12	0.13	6.71	6.70	4.58	0.16	0.15					97.79
				31	105	67	34	12		0.03	60	0	11		0	350	0	120
				20	90	0	0	10	0	10	30	0	0	10	0	0	0	
8439886	GRÖNST	98.780	31.490	50.09	1.32	14.40	13.24	0.19	5.70	8.41	3.51	0.52	0.15					97.76
				44	98	56	29	8		0.13	30	0	8		0	350	10	140
				20	100	0	0	10	0	30	30	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					SUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439887	GRÖNST	98.820	31.550	51.59	1.30	14.09	12.84	0.17	6.45	5.79	4.64	0.09	0.15					97.26
				13	100	53	27	8		0.01	40	30	8		0	340	0	70
				10	90	0	0	10	0	30	30	0	10	10	0	0	0	
8439888	GRÖNST	98.880	31.470	46.56	1.41	15.55	14.71	0.19	7.08	6.81	4.43	0.11	0.16					97.28
				54	127	61	36	13		0.20	60	10	11		0	390	0	90
				20	100	0	0	10	0	20	40	0	10	0	0	0	0	
8439889	GRÖNST	98.940	31.500	45.43	1.34	14.77	15.17	0.20	7.77	6.87	3.44	0.37	0.15					95.69
				51	118	59	40	12		0.08	60	0	12		0	410	0	80
				20	90	0	0	20	0	30	50	0	0	0	0	0	0	
8439890	GRÖNST	98.980	31.520	55.48	1.11	14.88	10.44	0.10	4.52	5.61	6.61	0.08	0.14					99.12
				42	79	43	24	10		0.03	30	0	6		0	340	0	40
				20	80	0	0	10	0	10	40	0	0	0	0	0	0	
8439891	GRÖNST	99.040	31.530	54.87	1.23	14.16	12.72	0.19	4.12	5.31	4.47	0.11	0.19					97.51
				17	116	37	22	12		0.01	20	10	8		0	310	10	100
				20	110	0	10	20	0	20	60	0	10	10	0	0	0	
8439892	GRÖNST	99.170	31.570	57.53	1.26	14.91	9.58	0.09	3.01	5.13	7.21	0.07	0.18					99.10
				28	99	43	23	9		0.02	30	0	5		0	310	0	50
				20	100	0	0	10	0	20	30	0	0	0	0	0	0	
8439893	GRÖNST	99.260	31.580	54.13	1.22	14.40	11.84	0.16	5.07	4.80	5.59	0.10	0.14					97.59
				32	98	50	26	6		0.02	30	0	7		0	370	0	50
				20	90	0	0	10	0	0	30	0	30	0	0	0	0	
8439894	GRÖNST	99.290	31.510	49.05	1.43	15.21	12.64	0.16	5.78	7.77	4.77	0.11	0.14					97.29
				49	104	69	36	8		0.12	30	0	9		0	400	0	320
				20	100	0	0	10	0	40	20	0	10	0	0	0	0	
8439895	GRÖNST	99.330	31.520	42.43	1.18	17.28	14.83	0.20	8.58	6.53	1.88	1.84	0.12					95.08
				46	117	90	36	16		0.02	190	0	13		0	350	10	240
				20	100	0	0	10	0	20	140	0	0	0	0	0	0	
8439896	GRÖNST	99.410	31.510	48.26	1.04	15.44	13.17	0.22	7.38	4.74	5.02	0.06	0.13					95.59
				39	119	65	27	11		0.03	90	0	10		0	320	0	50
				10	70	0	0	10	0	10	40	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439897	GRÖNST	99.440	31.480	51.10	1.07	15.11	11.42	0.12	7.35	5.60	4.69	0.15	0.12					96.95
				58	85	77	31	18		0.11	140	0	10		0	310	10	130
				10	70	0	0	10	0	30	30	0	10	0	0	0	0	
8439898	GRÖNST	99.490	31.510	58.01	1.39	12.75	10.44	0.11	4.43	7.80	3.14	0.10	0.16					98.52
				66	92	42	21	18		0.06	20	30	7		0	400	0	280
				20	100	0	0	0	0	0	40	0	0	10	0	0	0	
8439899	GRÖNST	99.570	31.520	47.66	1.29	14.79	12.37	0.18	7.54	9.82	3.84	0.05	0.12					97.87
				79	91	72	47	14		0.06	290	0	9		0	320	0	120
				20	90	0	0	10	0	30	10	0	10	0	0	0	0	
8439900	GRÖNST	99.590	31.460	51.25	1.52	14.90	15.46	0.19	5.05	4.67	5.73	0.10	0.16					99.24
				16	128	30	40	10		0.14	10	0	8		0	430	0	30
				20	100	0	10	20	0	20	10	0	20	0	0	0	10	
8439901	GRÖNST	99.700	31.520	50.04	1.24	14.88	13.04	0.21	6.37	6.31	4.86	0.14	0.13					97.43
				46	102	56	43	7		0.08	60	10	8		0	400	0	70
				20	80	0	0	10	0	20	30	0	10	0	0	0	10	
8439903	GRÖNST	100.430	31.510	49.54	1.09	15.69	10.75	0.22	6.71	10.05	3.52	0.06	0.11					97.97
				57	122	92	33	8		0.13	210	10	8		0	310	0	60
				20	80	0	0	10	0	0	10	0	10	0	0	0	0	
8439908	GRÖNST	102.360	31.550	48.49	1.19	15.59	11.84	0.16	7.54	7.84	4.12	0.06	0.18					97.18
				24	35	86	35	4		0.00	170	0	14		0	380	0	50
				20	70	0	0	20	0	20	30	0	0	0	0	0	0	
8439909	GRÖNST	102.670	31.470	47.50	1.12	15.37	11.18	0.23	6.65	10.81	3.45	0.06	0.12					96.65
				65	95	94	40	1		0.00	290	0	6		0	270	0	140
				10	80	0	0	10	0	10	10	0	10	0	0	0	0	
8439910	GRÖNST	102.870	31.460	53.77	1.14	13.74	13.11	0.16	4.82	5.36	5.61	0.08	0.12					98.08
				21	102	36	38	1		0.04	10	0	3		0	360	0	100
				10	70	0	0	10	0	20	60	0	0	0	0	0	0	
8439911	GRÖNST	97.750	43.000	53.91	0.70	15.02	7.36	0.11	6.35	7.45	6.03	0.04	0.10					97.26
				63	60	127	32	0		0.04	300	0	11		0	220	0	120
				10	50	0	0	10	0	10	20	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439912	GRÖNST	97.810	43.010	48.51	0.68	15.67	8.56	0.12	6.68	8.46	5.45	0.09	0.09					94.53
				61	67	134	32	6		0.02	300	20	13		0	250	0	120
				10	50	0	0	10	0	10	30	0	0	0	0	0	0	
8439913	GRÖNST	97.930	43.050	48.32	1.00	14.62	9.59	0.16	7.10	8.59	5.27	0.04	0.17					95.01
				66	72	70	37	5		0.01	150	0	12		0	250	0	80
				20	70	0	0	0	0	10	20	0	0	0	0	0	0	
8439914	GRÖNST	98.080	43.050	51.17	1.54	15.48	14.11	0.19	5.30	5.69	5.94	0.07	0.15					99.83
				37	106	56	39	2		0.01	40	0	7		0	410	0	70
				20	110	0	0	10	0	10	30	0	0	0	0	0	0	
8439915	GRÖNST	98.140	43.050	47.78	1.59	14.04	13.54	0.19	7.84	8.74	3.67	0.25	0.14					98.01
				88	103	81	48	0		0.06	120	10	10		0	360	0	160
				20	110	0	0	10	0	10	50	0	0	0	0	0	0	
8439916	GRÖNST	98.170	43.030	48.37	1.33	14.40	11.55	0.16	7.03	10.26	2.86	1.51	0.12					97.82
				89	84	101	46	5		0.03	310	0	9		0	310	10	170
				20	100	0	0	10	0	10	190	0	0	0	0	0	0	
8439917	GRÖNST	98.250	43.000	47.88	1.43	14.16	12.48	0.17	7.29	10.00	3.35	0.52	0.13					97.66
				86	90	77	45	6		0.09	140	20	10		0	350	10	240
				20	110	0	0	20	0	20	100	0	0	10	0	0	0	
8439918	GRÖNST	98.370	43.040	47.19	1.72	13.70	13.78	0.18	5.85	11.76	3.52	0.04	0.16					98.12
				65	103	77	38	0		0.06	80	0	6		0	380	0	220
				30	140	0	0	10	0	0	20	0	0	0	0	10	0	
8439919	GRÖNST	98.440	43.020	48.61	1.98	14.35	15.87	0.21	5.16	6.75	5.34	0.05	0.19					98.75
				33	129	52	41	18		0.09	40	0	7		0	500	0	80
				30	140	0	0	10	0	30	10	0	20	0	0	0	0	
8439920	GRÖNST	98.490	43.010	47.36	1.59	14.31	11.48	0.16	5.82	8.08	4.31	0.03	0.14					93.51
				92	89	60	45	8		0.10	170	0	11		0	360	0	60
				20	110	0	0	10	0	20	20	0	10	0	0	0	0	
8439921	GRÖNST	98.600	43.020	50.03	1.13	14.01	10.01	0.21	6.47	11.29	4.10	0.06	0.08					97.56
				76	136	105	41	14		0.01	300	0	10		0	270	0	100
				20	80	0	0	10	0	20	20	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439923	GRÖNST	98.880	43.000	46.81	1.41	14.42	12.14	0.19	7.87	10.49	3.41	0.04	0.14					97.18
				72	92	83	45	15		0.11	290	0	9		0	340	0	160
				20	100	0	0	10	0	10	50	0	0	0	0	0	0	
8439924	GRÖNST	98.970	43.010	48.77	1.73	14.10	13.07	0.21	6.90	8.78	3.99	0.04	0.16					98.14
				41	109	100	40	16		0.36	200	0	8		130	410	0	120
				30	130	0	0	10	0	20	40	0	0	0	0	0	0	
8439925	GRÖNST	99.070	42.970	47.24	1.78	14.15	13.71	0.22	6.61	9.79	3.50	0.02	0.17					97.43
				69	111	95	46	17		0.12	130	40	9		0	380	0	100
				30	130	0	0	0	0	10	10	0	40	10	0	0	0	
8439926	GRÖNST	99.210	42.980	47.72	1.40	15.14	11.81	0.18	7.36	10.17	3.74	0.05	0.13					97.95
				89	93	96	43	29		0.12	330	10	12		0	320	0	140
				20	100	0	20	10	0	20	10	0	0	0	0	0	0	
8439927	GRÖNST	99.340	42.990	46.33	1.48	14.28	12.32	0.19	7.29	11.11	3.14	0.02	0.14					96.52
				72	102	90	46	20		0.08	280	20	8		0	340	0	120
				20	110	0	0	10	0	20	0	0	0	0	0	0	0	
8439928	GRÖNST	99.410	42.950	45.65	1.46	14.78	11.62	0.17	8.03	7.87	3.71	0.03	0.15					93.69
				54	110	159	46	18		0.10	280	0	9		0	320	0	70
				20	110	0	0	10	0	10	10	0	0	0	0	0	0	
8439929	GRÖNST	99.450	43.030	47.20	1.51	15.05	12.31	0.18	6.85	10.51	3.63	0.02	0.15					97.66
				70	94	106	44	14		0.14	230	0	6		0	330	0	130
				20	110	0	0	10	0	30	10	0	0	0	0	0	0	
8439930	GRÖNST	99.500	43.020	42.81	3.12	12.44	18.59	0.23	6.71	12.05	2.30	0.12	0.05					98.79
				79	105	88	59	21		0.22	60	30	7		170	930	0	160
				10	50	0	0	20	0	20	0	0	0	0	0	0	0	
8439931	GRÖNST	99.560	43.010	48.19	1.82	14.27	14.21	0.19	6.32	7.97	4.37	0.02	0.19					97.85
				67	89	75	43	13		0.19	110	20	9		0	420	0	110
				30	160	0	0	10	0	0	30	0	10	10	0	0	0	
8439933	GRÖNST	100.110	42.990	46.31	0.98	15.49	13.14	0.20	8.03	6.52	4.26	0.04	0.11					95.32
				53	94	159	45	22		0.05	410	10	16		0	360	0	80
				10	50	0	0	10	0	30	30	0	10	0	0	0	0	

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				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439934	GRÖNST	100.170	43.010	52.80	1.92	14.09	11.71	0.21	3.90	7.86	4.78	0.05	0.56					98.09
				112	65	30	26	19		0.14	20	0	7		60	150	0	180
				70	240	10	0	10	0	20	30	0	30	0	0	0	0	
8439935	GRÖNST	100.280	42.970	46.66	1.20	14.60	12.78	0.19	9.02	8.35	2.73	0.07	0.15					95.97
				47	95	199	46	21		0.04	410	0	17		0	300	0	110
				20	80	0	0	10	0	20	30	0	10	10	0	0	0	
8439936	GRÖNST	100.370	42.990	44.56	0.97	14.89	9.22	0.24	5.60	12.68	4.05	0.08	0.10					92.54
				63	88	101	36	30		0.00	220	0	13		0	300	0	120
				10	60	0	0	0	0	20	10	0	0	0	0	0	0	
8439937	GRÖNST	100.480	42.970	46.50	1.14	15.34	9.05	0.15	3.98	16.23	1.23	0.06	0.11					93.98
				11	79	104	27	15		0.03	210	40	12		0	390	0	200
				20	70	0	0	10	10	0	10	0	10	0	0	0	10	
8439938	GRÖNST	100.600	42.970	55.96	1.18	18.73	10.77	0.03	2.49	1.55	0.30	5.09	0.30					96.59
				69	108	78	17	9		0.01	300	0	15		0	360	70	20
				20	80	0	0	10	0	10	70	0	0	0	0	0	0	
8439939	GRÖNST	100.670	42.970	46.56	1.10	16.27	7.91	0.12	3.77	11.56	1.11	1.81	0.17					90.59
				42	85	171	37	21		0.02	290	10	43		0	360	30	80
				20	60	0	0	10	0	20	90	0	10	0	0	0	0	
8439940	GRÖNST	100.710	43.030	47.82	1.25	15.22	11.35	0.15	4.82	11.78	2.81	0.18	0.12					95.74
				39	77	137	39	21		0.08	280	0	11		0	390	10	230
				20	70	0	0	20	0	20	10	0	10	0	0	0	0	
8439941	GRÖNST	100.770	43.050	45.41	0.88	14.68	11.09	0.19	9.00	10.40	2.90	0.21	0.08					95.06
				49	83	225	44	24		0.01	470	0	19		0	290	10	200
				10	60	0	0	10	0	0	60	0	0	0	0	0	0	
8439942	GRÖNST	100.840	43.010	48.96	0.99	16.36	10.31	0.12	7.18	6.19	5.08	0.14	0.11					95.62
				63	87	125	37	15		0.04	250	0	19		0	290	0	60
				10	60	0	0	10	0	20	30	0	0	0	0	0	0	
8439943	GRÖNST	100.910	42.960	46.62	0.89	16.12	10.89	0.16	8.37	10.75	2.33	0.03	0.08					96.47
				46	87	164	40	16		0.01	270	10	19		0	300	0	110
				10	60	0	0	10	0	0	30	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439944	GRÖNST	100.990	42.950	48.64	0.86	15.14	10.38	0.18	7.75	10.76	3.20	0.04	0.08					97.23
				46	70	128	38	15		0.02	250	0	13		0	360	0	170
				10	50	0	0	10	0	10	20	0	10	0	0	0	0	
8439945	GRÖNST	101.090	42.970	47.36	0.95	15.31	11.27	0.17	8.14	9.87	2.73	0.03	0.08					96.08
				64	73	117	36	24		0.02	250	0	20		0	330	0	110
				10	60	0	0	10	0	0	20	0	10	0	0	0	0	
8439946	GRÖNST	98.530	38.760	46.36	0.89	14.29	12.32	0.30	10.53	4.91	1.78	0.64	0.08					92.31
				91	97	201	46	16		0.01	390	10	24		0	310	10	50
				20	50	0	0	10	0	10	170	0	0	10	0	0	0	
8439947	GRÖNST	98.600	38.800	54.49	1.52	16.13	15.56	0.05	1.59	2.05	7.72	0.22	0.21					99.70
				13	132	55	30	22		0.08	50	0	11		0	450	0	100
				20	100	0	0	10	0	30	30	0	10	0	0	0	0	
8439948	GRÖNST	98.640	38.760	51.17	1.50	16.05	14.57	0.15	4.95	3.88	5.24	0.04	0.16					97.89
				43	122	47	35	22		0.03	20	0	13		0	530	0	120
				20	90	0	0	20	0	20	20	0	0	0	0	0	0	
8439949	GRÖNST	98.710	38.770	50.79	1.37	16.26	12.70	0.12	6.73	3.06	5.48	0.05	0.18					96.84
				20	105	54	28	21		0.20	30	0	16		0	250	0	40
				30	140	0	0	10	0	10	30	0	0	0	0	0	0	
8439950	GRÖNST	98.780	38.750	51.94	1.26	14.03	11.34	0.18	5.78	7.11	5.48	0.07	0.15					97.80
				120	74	76	36	16		0.55	90	0	10		0	310	0	130
				20	110	0	0	10	0	10	30	0	20	0	0	0	0	
8439951	GRÖNST	98.830	38.750	48.31	1.49	13.65	12.34	0.22	7.43	7.75	4.10	0.08	0.14					95.81
				84	100	51	48	14		0.26	120	20	10		0	330	0	90
				20	110	0	0	10	0	30	10	0	20	0	0	0	0	
8439952	GRÖNST	98.940	38.770	50.29	0.94	15.37	10.94	0.21	8.14	5.84	4.78	0.30	0.10					97.08
				43	233	74	41	4		0.01	240	10	13		0	270	10	100
				10	70	0	0	10	0	0	70	0	10	0	0	0	0	
8439953	GRÖNST	99.050	38.800	48.73	1.12	15.12	12.11	0.19	5.57	8.18	4.97	0.05	0.12					96.36
				50	91	48	37	3		0.09	80	0	8		0	360	0	120
				10	80	0	0	10	0	10	40	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439954	GRÖNST	99.110	38.730	47.67	1.32	14.38	11.29	0.17	7.27	11.35	3.38	0.14	0.12					97.39
				58	86	57	39	13		0.24	280	10	9		0	310	0	150
				20	100	0	0	10	0	10	30	0	0	10	0	0	10	
8439955	GRÖNST	99.170	38.740	48.54	1.40	14.65	11.94	0.18	7.47	9.73	3.91	0.11	0.13					98.32
				60	88	61	45	14		0.14	300	0	8		0	320	0	200
				20	100	0	0	10	0	20	50	0	10	0	0	0	0	
8439956	GRÖNST	99.300	38.690	51.83	1.34	14.95	12.45	0.22	5.13	5.61	5.74	0.05	0.14					97.69
				77	109	41	35	12		0.10	60	0	5		0	370	0	110
				20	100	0	10	10	0	10	20	0	20	0	0	0	0	
8439957	GRÖNST	99.390	38.660	47.89	1.82	14.03	14.93	0.21	5.64	7.46	4.44	0.05	0.17					97.14
				76	117	51	44	59		0.59	100	0	22		0	480	0	140
				30	130	0	160	20	0	20	0	0	10	0	0	0	0	
8439958	GRÖNST	99.500	38.750	46.76	1.29	14.50	12.51	0.18	6.73	9.84	3.47	0.55	0.14					96.22
				75	97	74	44	30		0.12	140	10	8		0	340	20	200
				20	100	0	0	10	0	20	120	0	10	0	0	0	0	
8439959	GRÖNST	99.580	38.750	50.95	0.77	14.19	8.76	0.15	9.93	6.80	4.73	0.17	0.15					96.84
				35	145	215	40	16		0.00	610	0	13		0	190	0	140
				10	100	0	0	10	0	10	100	0	20	0	0	10	0	
8439960	GRÖNST	99.620	38.720	47.42	0.97	14.95	10.78	0.17	7.76	10.17	3.66	0.04	0.10					96.22
				55	117	113	39	22		0.03	240	0	9		0	300	0	230
				20	70	0	0	20	0	10	20	0	0	0	0	0	0	
8439961	GRÖNST	99.690	38.690	49.61	1.21	14.94	11.04	0.17	7.25	6.11	4.60	0.05	0.11					95.28
				46	116	118	41	11		0.02	260	0	13		0	290	0	100
				20	90	0	0	10	0	0	30	0	0	0	0	0	0	
8439962	GRÖNST	99.730	38.750	48.11	1.21	14.94	11.42	0.18	6.78	9.05	4.16	0.03	0.11					96.19
				67	112	104	40	22		0.04	240	0	9		0	300	0	50
				20	90	0	0	10	0	0	30	0	0	0	0	0	10	
8439963	GRÖNST	99.780	38.750	44.25	0.96	13.55	9.85	0.15	6.90	11.85	2.80	0.02	0.08					90.59
				82	99	99	41	25		0.03	290	0	7		0	280	0	110
				10	60	0	0	10	0	0	0	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439964	GRÖNST	99.830	38.760	49.20	1.59	14.42	13.91	0.19	5.00	7.50	4.20	0.03	0.20					96.44
				46	134	50	37	25		0.04	60	0	6		0	410	0	150
				30	110	0	0	10	0	40	0	0	20	0	0	0	0	
8439965	GRÖNST	99.990	38.770	52.93	1.56	13.16	11.18	0.17	5.63	7.80	4.39	0.06	0.16					97.21
				38	97	73	38	12		0.02	100	0	10		0	360	0	140
				20	120	0	0	10	0	0	20	0	0	0	0	0	0	
8439966	GRÖNST	100.100	38.800	48.21	1.70	14.21	13.64	0.21	8.34	5.24	4.32	0.06	0.16					96.29
				60	153	102	47	16		0.00	250	0	11		0	370	0	80
				20	120	0	0	10	0	30	10	0	0	0	0	0	0	
8439967	GRÖNST	97.950	41.980	43.35	0.96	16.22	10.64	0.16	7.94	7.86	4.16	0.09	0.10					91.68
				54	85	127	42	13		0.06	270	0	41		0	270	0	130
				10	70	0	0	20	0	0	30	0	10	0	0	0	0	
8439968	GRÖNST	98.030	42.010	47.81	1.16	14.85	11.09	0.17	7.26	6.89	4.20	0.03	0.11					93.77
				54	95	113	38	19		0.00	220	0	14		0	330	0	160
				20	80	0	0	10	0	20	30	0	10	0	0	0	0	
8439969	GRÖNST	98.080	42.000	46.48	1.18	14.42	11.41	0.19	7.79	6.02	3.39	0.04	0.11					91.21
				67	103	154	41	18		0.00	300	0	27		0	340	0	50
				20	70	0	0	10	0	10	10	0	10	0	0	0	0	
8439970	GRÖNST	98.160	41.960	53.67	0.98	17.36	11.31	0.03	3.41	1.81	5.33	2.47	0.17					96.69
				74	94	95	23	11		0.00	300	20	14		0	240	40	100
				20	60	0	0	10	0	10	50	0	0	0	0	0	10	
8439971	GRÖNST	98.260	42.020	45.09	1.42	15.41	11.57	0.21	7.43	7.19	4.16	0.45	0.13					93.27
				75	98	136	45	13		0.00	370	0	20		0	350	10	200
				20	100	0	0	10	0	30	60	0	0	0	0	0	0	
8439973	GRÖNST	98.370	41.980	48.07	1.03	14.39	9.42	0.14	5.53	8.71	5.24	0.06	0.11					92.86
				55	86	68	38	14		0.02	140	0	11		0	290	0	60
				10	70	0	0	10	0	20	30	0	0	0	0	0	0	
8439974	GRÖNST	98.470	42.000	50.00	1.31	13.86	10.32	0.16	7.63	9.02	4.25	0.19	0.13					97.06
				83	83	76	39	7		0.02	280	10	10		0	320	0	190
				20	90	0	0	10	0	20	50	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439975	GRÖNST	98.610	41.990	49.41	1.21	16.78	10.28	0.18	6.39	7.63	4.75	0.42	0.12					97.37
				83	86	131	44	17		0.03	260	0	14		0	270	20	200
				20	110	0	0	10	0	20	50	0	10	0	0	0	0	
8439976	GRÖNST	98.700	41.970	50.23	1.49	14.24	13.54	0.22	5.01	6.47	5.13	0.05	0.21					96.73
				26	106	57	28	14		0.01	40	20	8		0	380	0	80
				20	110	0	0	10	0	20	10	0	10	0	0	0	0	
8439977	GRÖNST	98.870	42.050	45.22	2.14	13.03	15.91	0.23	4.96	9.80	3.37	0.07	0.22					95.25
				61	138	55	44	12		0.26	40	0	6		0	480	10	90
				40	160	0	0	10	0	30	30	0	20	0	0	0	0	
8439978	GRÖNST	99.000	41.980	45.43	1.12	15.16	10.47	0.17	7.84	10.93	2.50	0.60	0.11					94.52
				106	83	116	41	14		0.01	290	0	9		0	290	10	120
				10	80	0	0	10	0	30	50	0	0	0	0	0	0	
8439980	GRÖNST	99.300	41.980	49.00	0.86	15.12	10.92	0.17	7.02	6.62	4.18	1.37	0.19					95.68
				38	109	104	42	25		0.00	450	0	9		0	260	40	50
				10	100	0	0	10	0	0	330	0	10	0	0	0	10	
8439982	GRÖNST	99.430	41.980	47.61	0.97	14.70	9.81	0.14	5.92	7.80	4.05	0.30	0.06					91.52
				63	65	62	47	37		0.03	80	10	10		0	340	10	80
				10	50	0	0	10	0	20	50	0	0	0	0	0	0	
8439983	GRÖNST	99.520	41.950	44.39	0.66	13.62	8.48	0.13	6.60	11.77	3.01	0.56	0.05					89.37
				15	53	67	33	29		0.01	70	0	18		0	220	20	40
				10	40	0	0	10	0	0	40	0	0	0	0	0	0	
8439984	GRÖNST	99.670	41.990	49.23	0.78	21.20	8.06	0.08	5.44	2.62	4.35	2.38	0.08					94.37
				25	55	87	31	30		0.00	310	0	17		0	230	50	40
				10	50	0	0	0	0	30	150	0	0	0	0	0	0	
8439985	GRÖNST	99.740	41.980	40.33	0.52	16.84	10.05	0.13	6.33	10.67	0.12	2.92	0.03					88.04
				12	87	96	39	31		0.00	200	0	23		0	140	40	30
				10	40	0	0	10	0	0	90	0	0	0	0	0	0	
8439986	GRÖNST	99.840	41.990	55.79	0.73	13.57	8.64	0.12	7.82	5.13	5.79	0.09	0.13					98.03
				13	78	248	39	35		0.00	600	10	5		0	190	0	70
				0	100	0	0	0	0	0	20	0	10	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439987	GRÖNST	99.930	41.980	46.35	1.31	15.46	12.05	0.16	7.78	6.00	3.90	0.05	0.15					93.39
				75	98	67	49	36		0.03	140	0	12		0	330	0	70
				20	100	0	0	0	0	30	20	0	10	0	0	0	10	
8439988	GRÖNST	99.970	41.970	48.79	1.28	13.35	10.98	0.18	6.83	10.18	4.24	0.03	0.13					96.23
				56	81	64	43	38		0.09	180	20	7		0	320	0	210
				20	90	0	0	10	0	20	30	0	0	0	0	0	0	
8439989	GRÖNST	100.160	42.000	45.90	1.60	13.97	10.88	0.18	5.41	9.11	3.06	0.44	0.14					90.88
				54	97	82	41	34		0.01	130	0	20		0	370	10	90
				20	110	0	0	10	0	10	40	0	0	10	0	0	0	
8439990	GRÖNST	100.360	41.990	46.79	1.27	14.88	11.15	0.18	7.70	7.71	3.73	0.43	0.11					94.18
				98	91	109	50	38		0.00	360	20	9		0	310	10	200
				20	90	0	0	10	0	0	60	0	0	0	0	0	0	
8439991	GRÖNST	100.420	41.970	49.91	1.63	15.59	13.02	0.14	6.58	4.29	4.18	0.05	0.18					95.79
				34	108	47	38	36		0.11	30	10	13		0	430	0	200
				20	110	0	0	10	0	10	40	0	0	0	0	10	0	
8439992	GRÖNST	100.500	42.010	50.24	1.03	13.08	9.01	0.18	5.75	8.99	5.51	0.16	0.11					94.21
				54	67	65	37	32		0.01	50	0	8		0	280	0	70
				10	70	0	0	10	0	20	40	0	0	10	0	0	0	
8439993	GRÖNST	100.540	42.000	49.97	1.20	15.56	10.41	0.16	5.91	8.31	4.95	0.06	0.14					96.86
				53	77	67	41	34		0.10	40	20	12		0	360	0	60
				20	90	0	0	10	0	10	30	0	0	0	0	0	0	
8439994	GRÖNST	100.620	42.000	46.09	1.54	15.36	13.18	0.17	4.79	10.59	3.11	0.04	0.18					95.31
				39	88	49	33	38		0.07	20	50	9		0	470	0	410
				30	110	0	0	10	0	30	40	0	0	0	0	0	0	
8439995	GRÖNST	100.710	41.980	51.12	1.49	13.38	10.97	0.15	6.23	8.91	4.81	0.04	0.14					97.42
				68	95	79	51	36		0.03	100	10	6		0	350	0	80
				20	110	0	0	10	0	30	10	0	20	0	0	0	0	
8439998	GRÖNST	100.990	42.000	48.08	1.50	14.98	11.90	0.18	6.84	8.58	4.14	0.04	0.11					96.57
				31	80	79	32	35		0.08	280	10	13		0	330	0	110
				20	110	0	0	10	0	10	20	0	0	0	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8439999	GRÖNST	101.070	42.020	48.56	1.44	13.71	11.80	0.18	7.39	10.24	3.37	0.05	0.14					97.06
				128	96	65	47	14		0.06	180	20	12		0	330	0	70
				20	100	0	0	10	0	30	20	0	10	0	0	0	0	
8440000	GRÖNST	101.190	42.010	49.56	1.25	15.20	10.32	0.17	5.93	10.78	3.90	0.04	0.11					97.52
				12	78	83	35	15		0.15	280	50	9		0	290	0	130
				20	90	0	0	10	0	0	20	0	10	0	0	0	0	

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SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8437696	ANDRE	100.480	43.440	53.80	0.22	4.21	26.31	0.14	3.44	1.78	0.00	0.01	0.20					99.36
				146	234	59	18	44		17.40	100	110	9		0	140	20	20
				40	50	10	20	10	10	20	60	0	0	10	10	10	0	
8437697	ANDRE	100.580	43.420	47.85	0.23	4.23	32.01	0.11	2.77	2.06	0.23	0.02	0.20					99.75
				139	143	53	11	22		19.20	90	90	7		0	100	30	30
				30	50	10	40	10	0	20	20	0	30	0	0	10	10	
8437737	ANDRE	97.640	44.470	57.05	0.62	18.51	9.12	0.20	3.96	4.64	3.11	1.76	0.08					99.24
				21	116	44	19	34		0.00	50	0	36		0	230	40	380
				40	70	0	0	0	10	10	230	0	10	0	0	10	0	
8437738	ANDRE	97.810	44.510	51.52	0.88	15.27	7.81	0.13	10.53	6.00	3.04	2.18	0.10					97.57
				8	51	69	21	26		0.00	30	0	18		10	340	30	70
				40	50	0	0	0	0	0	130	0	0	0	0	10	0	
8438008	ANDRE			52.34	1.35	13.71	13.95	0.15	3.26	5.76	5.10	0.11	0.18					97.03
				112	80	13	41	17		1.88	10	0	19		0	350	20	40
				50	100	0	0	10	10	30	30	0	20	0	0	10	0	
8438009	ANDRE			54.28	1.32	14.00	11.77	0.13	3.46	5.97	5.36	0.03	0.17					96.89
				28	84	23	33	20		0.42	10	60	21		0	360	20	50
				40	90	0	0	0	0	10	20	0	0	10	0	10	0	
8438010	ANDRE			55.14	1.38	14.03	13.83	0.12	3.66	3.29	4.18	0.03	0.17					96.48
				365	114	22	49	13		0.85	20	30	24		0	370	20	30
				40	100	0	0	0	0	20	30	0	0	10	0	10	0	
8438011	ANDRE			52.20	1.56	15.85	12.57	0.19	4.57	3.84	5.93	0.06	0.21					97.16
				68	104	15	31	8		0.09	10	20	22		0	370	10	40
				50	110	0	0	0	0	30	0	0	20	0	0	10	0	
8438012	ANDRE			47.97	1.25	15.35	17.09	0.27	6.18	3.58	4.79	0.05	0.14					97.23
				86	116	40	43	15		0.77	20	20	24		0	370	20	60
				40	80	0	10	0	0	30	30	0	0	0	0	10	0	
8438013	ANDRE			49.25	1.45	15.04	17.49	0.10	4.07	2.44	5.08	0.04	0.18					98.15
				276	112	21	62	23		5.86	10	50	22		0	410	20	40
				50	100	0	10	0	10	30	30	0	0	10	0	0	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %					OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM
8438014	ANDRE			51.52	1.44	15.54	15.16	0.15	4.20	2.48	4.96	0.04	0.18					97.20
				239	108	21	51	19		2.69	10	30	29		0	400	20	40
				50	100	0	0	20	10	10	30	0	10	10	0	0	0	
8438015	ANDRE			54.72	1.44	14.79	13.11	0.15	3.81	3.84	4.99	0.03	0.18					97.94
				162	107	22	33	16		1.27	10	40	22		0	410	20	30
				50	100	10	0	10	10	30	0	0	10	10	0	10	0	
8438016	ANDRE			47.43	1.56	15.20	16.46	0.16	3.67	5.25	5.65	0.06	0.21					98.07
				134	82	15	38	18		4.52	10	10	22		0	420	20	40
				50	110	0	0	20	0	30	30	0	0	10	0	0	0	
8438017	ANDRE			52.41	1.47	14.52	14.51	0.19	3.50	4.03	5.31	0.17	0.20					98.14
				206	92	21	42	22		3.16	30	40	43		0	370	30	40
				50	100	10	0	160	0	20	60	0	10	20	0	10	0	
8438018	ANDRE			44.79	1.40	15.95	19.39	0.17	4.07	3.84	5.36	0.04	0.25					99.07
				349	98	33	74	21		7.71	20	50	24		0	440	20	100
				50	100	0	0	10	0	20	30	0	0	0	0	10	0	
8438019	ANDRE			91.40	0.09	1.30	2.75	0.03	0.40	1.58	0.13	0.10	0.00					98.41
				39	17	10	18	11		0.91	350	220	13		0	20	20	40
				20	10	0	10	0	10	0	40	0	0	20	0	10	0	
8438020	ANDRE			26.84	0.55	10.30	28.28	0.23	2.85	16.70	0.00	0.02	0.05					93.40
				310	93	33	171	20		15.90	50	90	16		0	270	30	480
				30	20	0	0	20	0	10	0	0	10	10	0	0	0	
8438858	ANDRE	100.890	33.480	49.03	0.82	12.93	9.44	0.16	8.69	11.12	3.07	0.16	0.38					96.07
				75	76	65	63	40	1.6	0.00	440	10			0	250	20	570
				40	100	0	0	0	10	30	60	20	90	0	0	20	0	
8438870	ANDRE	101.620	33.530	46.12	0.80	10.97	10.17	0.19	13.68	10.27	2.32	0.66	0.30					95.80
				28	96	148	69	39	1.6	0.01	860	10			20	220	20	340
				30	90	10	0	10	10	0	190	0	90	0	0	10	0	
8439001	ANDRE			51.51	1.36	18.20	9.32	0.16	3.56	7.99	4.42	1.80	0.75					99.53
				115	89	37	47	30	4.8	0.06	10	0			80	220	50	870
				50	210	60	0	0	10	0	1370	30	170	0	0	10	0	

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	MO PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8439002	ANDRE			56.73	1.15	11.11	20.50	0.28	5.81	0.52	0.99	0.01	0.11						97.79
				173	597	18	30	22	2.3	0.58	20	80			0	240	20		10
				60	210	10	0	10	10	40	30	0	20	40	0	10	0		
8439003	ANDRE			50.01	1.65	13.20	20.37	0.08	4.52	0.21	0.00	1.73	0.16						96.03
				97	257	28	58	34	2.4	8.24	30	0			0	310	40		10
				40	140	10	0	10	0	10	70	0	10	10	0	0	0		
8439004	ANDRE			53.33	0.87	15.51	8.94	0.16	8.59	5.67	4.67	1.19	0.17						99.32
				56	93	118	64	28	2.5	0.10	420	20			10	220	40		150
				40	110	10	0	0	0	20	160	0	30	10	0	10	0		
8439005	ANDRE			74.41	0.30	13.28	1.82	0.02	0.38	2.27	6.38	0.03	0.06						99.06
				5	14	2	17	14	1.2	0.00	0	50			0	10	10		140
				70	480	0	20	0	0	10	20	0	20	20	0	10	0		
8439006	ANDRE			49.99	1.56	14.09	11.90	0.20	8.70	6.54	3.52	0.33	0.14						97.22
				76	75	103	75	27	2.3	0.06	350	50			50	330	20		80
				40	120	0	0	0	0	20	50	0	20	10	0	10	0		
8439007	ANDRE			53.98	1.38	16.92	11.88	0.15	2.56	5.37	5.79	0.02	0.62						98.83
				38	47	11	57	20	2.7	0.03	0	30			50	40	20		230
				120	280	20	0	0	10	10	10	0	50	10	0	10	0		
8439008	ANDRE			54.72	1.68	14.51	11.81	0.78	8.21	0.46	3.01	0.32	0.18						97.82
				88	1320	9	57	58	2.6	3.65	20	60			0	440	20		30
				50	110	10	10	0	10	20	10	0	10	20	0	10	0		
8439009	ANDRE			47.53	1.35	15.88	16.28	0.15	8.07	3.85	4.92	0.02	0.22						99.09
				30	144	5	77	29	2.7	0.06	0	0			0	470	20		80
				50	130	0	10	0	0	0	0	0	10	0	0	10	0		
8439010	ANDRE			55.70	1.80	15.87	8.05	0.09	3.24	5.10	6.94	0.03	0.30						98.00
				49	156	21	49	24	2.8	1.54	20	10			0	300	10		70
				50	150	0	0	0	0	20	20	0	10	0	0	0	0		
8439011	ANDRE			60.87	1.87	15.88	6.59	0.06	0.75	2.53	8.49	0.16	0.28						99.64
				38	50	21	57	40	3.2	4.31	20	20			0	220	20		70
				50	150	0	0	0	10	0	30	0	0	10	0	0	0		

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %							OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM		
8439012	ANDRE			47.53	1.64	14.80	14.54	0.41	7.76	5.10	4.30	0.02	0.15							97.25
				183	141	46	78	41	5.0	1.66	100	0			0	360	20	110		
				50	110	0	0	0	0	10	10	0	10	0	0	0	0			
8439013	ANDRE			46.98	1.31	14.77	14.91	0.44	7.76	4.83	3.26	0.03	0.13							95.06
				91	289	84	66	32	4.0	0.62	200	10			10	300	20	80		
				40	100	0	0	0	0	20	0	0	0	10	0	0	0			
8439014	ANDRE			62.41	0.53	15.89	6.39	0.13	0.71	7.21	3.42	2.65	0.14							99.65
				14	56	4	35	27	2.9	0.03	0	0			0	150	50	320		
				40	110	10	0	0	0	10	270	0	50	10	0	10	0			
8439015	ANDRE			48.09	1.65	15.46	12.90	0.16	8.24	6.21	4.03	0.18	0.19							97.29
				42	108	66	72	31	3.3	0.02	210	10			0	380	20	60		
				50	110	0	0	0	0	10	40	0	0	0	0	10	0			
8439016	ANDRE			48.88	1.05	15.89	10.99	0.14	7.76	8.72	3.74	0.87	0.10							98.41
				56	84	205	75	27	3.3	0.01	510	0			0	330	30	120		
				40	70	0	0	0	0	20	80	0	0	0	0	0	0			
8439017	ANDRE			49.15	1.33	14.74	11.21	0.15	8.51	8.53	3.38	0.49	0.13							97.80
				25	87	179	76	31	3.3	0.01	410	10			0	310	20	110		
				40	90	0	0	0	10	10	50	0	20	0	0	0	0			
8439018	ANDRE			46.21	0.83	16.92	15.41	0.16	6.17	10.32	1.91	0.32	0.14							99.07
				26	98	15	77	42	3.9	0.98	10	10			0	380	20	390		
				30	40	0	0	10	0	10	50	0	30	0	0	10	0			
8439019	ANDRE			45.10	0.56	16.84	6.88	0.14	7.10	11.53	1.77	4.47	0.04							94.63
				98	46	75	65	31	3.4	0.03	270	0			0	230	70	70		
				40	30	0	0	0	10	10	520	0	0	0	0	0	0			
8439020	ANDRE			48.88	0.67	16.26	8.04	0.12	9.19	8.77	3.01	1.99	0.07							97.16
				47	57	79	65	34	3.1	0.01	210	0			90	260	40	80		
				40	40	0	0	0	0	20	160	0	0	0	0	0	0			
8439021	ANDRE			51.04	1.62	13.00	13.04	0.26	7.54	5.85	4.54	0.09	0.16							97.32
				47	422	81	71	30	9.5	0.01	170	10			0	370	20	30		
				50	120	10	0	0	0	20	0	0	10	0	0	0	0			

SAMPLE NUMBER	ROCK TYPE	X	Y	SIO2 %	TIO2 %	AL2O3 %	FE2O3 %	MNO %	MGO %	CAO %	NA2O %	K2O %	P2O5 %						OXSUM %
				CU PPM	ZN PPM	NI PPM	CO PPM	PB PPM	AG PPM	S %	CR PPM	AS PPM	LI PPM	HG PPM	CL PPM	V PPM	RB PPM	SR PPM	
				Y PPM	ZR PPM	NB PPM	MO PPM	SN PPM	SB PPM	CS PPM	BA PPM	LA PPM	CE PPM	TA PPM	BI PPM	TH PPM	U PPM	B PPM	
8439022	ANDRE			36.21	1.64	10.18	33.11	0.41	5.85	3.59	0.00	0.72	0.11						95.65
				3149	333	37	74	32	3.5	6.74	30	30			0	320	50	120	
				60	120	10	0	20	0	30	120	0	0	0	0	0	0		
8439023	ANDRE			47.74	2.29	13.09	15.91	0.31	6.91	7.62	3.56	0.09	0.22						98.04
				89	362	32	63	23	2.7	0.15	20	10			0	500	20	110	
				70	170	0	0	10	0	0	10	0	10	0	0	0	0		
8439024	ANDRE			52.26	1.63	13.97	16.20	0.27	5.43	3.12	3.07	0.13	0.16						97.78
				162	1950	23	66	27	2.6	2.44	0	30			0	370	20	70	
				50	120	0	0	10	0	10	20	0	20	20	0	10	0		
8439025	ANDRE			50.13	1.70	13.22	13.63	0.20	8.27	6.45	4.26	0.11	0.12						98.38
				55	505	85	79	31	3.0	0.17	250	0			0	340	20	50	
				50	120	0	0	10	0	20	30	0	0	0	0	10	0		
8439708	ANDRE	98.370	41.490	73.81	0.28	3.57	6.46	0.13	2.87	4.10	1.01	0.28	0.10						95.02
				73	41	50	9	9		0.54	100	50	11		0	90	10	50	
				0	50	0	0	0	10	30	180	0	10	20	0	0	0		
8439719	ANDRE	99.160	41.510	54.98	0.31	6.54	25.12	0.29	4.20	6.82	0.55	0.16	0.22						99.44
				88	87	86	14	16		0.20	70	10	6		0	100	10	90	
				10	60	10	0	10	0	30	170	0	40	10	0	0	0		
8439720	ANDRE	99.190	41.500	65.89	0.28	6.25	15.18	0.13	5.99	3.18	0.09	0.02	0.16						97.94
				55	59	61	0	4		1.34	60	0	8		0	70	0	60	
				10	70	0	0	0	0	10	10	0	40	10	0	0	0		
8439808	ANDRE	99.090	36.220	67.21	0.19	4.11	17.54	0.29	4.88	2.50	0.00	0.01	0.14						98.67
				263	107	44	6	27		3.25	50	10	8		0	60	10	10	
				10	50	0	0	10	10	40	30	0	20	0	0	0	0		

D. ANALYSERESULTATER (AAS)

AAS-analyser 1

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

23-JAN-85
ANALYSOIJA: TL
TILAAJA: K.MÄKELÄ
LAATU: KIVI
ALUE: NORJA,LØKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

NÄYTE	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.37585	59.0	109.0	80.0	39.0	59.0		305-1			0.03
84.37586	27.0	508.0	87.0	38.0	153.0					0.07
84.37587	45.0	169.0	151.0	39.0	94.0					0.04
84.37588	52.0	106.0	133.0	41.0	52.0					0.02
84.37589	46.0	107.0	131.0	31.0	39.0					0.00
84.37590	57.0	99.0	86.0	32.0	17.0					0.01
84.37591	51.0	123.0	100.0	35.0	17.0					0.61
84.37592	47.0	92.0	114.0	33.0	21.0					0.04
84.37593	7.0	247.0	24.0	8.0	20.0					0.00
84.37594	11.0	67.0	477.0	46.0	20.0	- 10				0.00
84.37595	41.0	70.0	22.0	24.0	35.0					0.01
84.37596	36.0	100.0	70.0	35.0	23.0					0.02
84.37597	59.0	76.0	144.0	36.0	26.0					0.00
84.37598	24.0	46.0	118.0	33.0	27.0					0.01
84.37599	8.0	38.0	110.0	26.0	26.0					0.00
84.37600	11.0	65.0	65.0	31.0	32.0					0.01
84.37601	14.0	57.0	33.0	38.0	36.0					0.00
84.37602	26.0	57.0	85.0	26.0	26.0					0.04
84.37603	32.0	60.0	115.0	31.0	29.0					0.01
84.37604	31.0	38.0	123.0	24.0	29.0	- 20				0.01
84.37605	68.0	98.0	131.0	47.0	16.0					0.02
84.37606	57.0	140.0	69.0	49.0	5.0					0.01
84.37607	6.0	59.0	3.0	4.0	11.0					0.01
84.37608	40.0	144.0	126.0	54.0	19.0					0.02
84.37609	45.0	89.0	83.0	29.0	16.0					0.01
84.37610	50.0	112.0	193.0	43.0	16.0					0.00
84.37611	46.0	85.0	774.0	83.0	12.0					0.00
84.37612	31.0	87.0	135.0	44.0	20.0					0.15
84.37613	60.0	74.0	201.0	36.0	16.0					0.01
84.37614	16.0	66.0	122.0	35.0	14.0	- 30				0.00
84.37615	26.0	60.0	82.0	29.0	19.0					0.01
84.37616	12.0	43.0	112.0	30.0	3.0					0.00
84.37617	10.0	70.0	57.0	35.0	16.0					0.00
84.37618	27.0	90.0	48.0	26.0	9.0		305 - 34			0.03
84.37619	33.0	90.0	117.0	36.0	40.0		314 - 1			0.03
84.37620	60.0	82.0	201.0	36.0	19.0		2			0.02
84.37621	26.0	44.0	103.0	34.0	19.0		3A			0.03
84.37622	39.0	67.0	120.0	32.0	16.0		3B			0.06
84.37623	43.0	48.0	119.0	33.0	18.0		4			0.28
84.37624	51.0	83.0	125.0	34.0	18.0		314-5			0.03

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

30-JAN-85
ANALYSOIJA: HV
TILAAJA: UKP/K.MAKELA/T.GRÖNNE
LAATU: KIVI
ALUE: NORJA LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.37625	60.0	75.0	143.0	44.0	34.0		316-6			0.03
84.37626	68.0	79.0	137.0	46.0	28.0					0.03
84.37627	74.0	91.0	165.0	50.0	29.0					0.00
84.37628	26.0	72.0	75.0	41.0	33.0					0.02
84.37629	59.0	88.0	153.0	43.0	56.0					0.02
84.37630	11.0	42.0	83.0	36.0	20.0					0.02
84.37631	46.0	110.0	42.0	47.0	19.0					0.04
84.37632	54.0	128.0	36.0	40.0	27.0					0.06
84.37633	46.0	139.0	26.0	37.0	24.0					0.00
84.37634	62.0	110.0	67.0	48.0	17.0					0.09
84.37635	16.0	151.0	42.0	36.0	21.0					0.04
84.37636	38.0	178.0	32.0	37.0	24.0					0.02
84.37637	34.0	45.0	84.0	45.0	27.0					0.03
84.37638	25.0	47.0	65.0	35.0	20.0					0.01
84.37639	81.0	59.0	92.0	49.0	24.0					0.03
84.37640	157.0	60.0	158.0	65.0	25.0					0.16
84.37641	41.0	62.0	147.0	34.0	23.0					0.02
84.37642	57.0	79.0	109.0	40.0	24.0					0.02
84.37643	35.0	46.0	90.0	29.0	31.0					0.02
84.37644	34.0	53.0	146.0	46.0	27.0					0.02
84.37645	84.0	72.0	60.0	40.0	13.0		316-32			0.02
84.37646	106.0	86.0	37.0	41.0	26.0		326-31			0.22
84.37647	55.0	116.0	53.0	41.0	8.0		-33			0.11
84.37648	14.0	45.0	194.0	33.0	13.0					0.00
84.37649	12.0	39.0	107.0	40.0	21.0					0.00
84.37650	86.0	60.0	91.0	56.0	7.0					0.08
84.37651	33.0	24.0	145.0	45.0	3.0					0.04
84.37652	130.0	93.0	22.0	50.0	12.0		-37			1.01
84.37653	73.0	61.0	146.0	41.0	8.0		326-1			0.01
84.37654	19.0	50.0	77.0	35.0	3.0					0.00
84.37655	58.0	44.0	125.0	33.0	10.0					0.00
84.37656	77.0	53.0	93.0	38.0	7.0					0.00
84.37657	54.0	72.0	43.0	30.0	18.0					0.06
84.37658	45.0	63.0	83.0	42.0	10.0					0.01
84.37659	96.0	262.0	75.0	43.0	7.0					0.00
84.37660	93.0	72.0	82.0	51.0	7.0					0.17
84.37661	32.0	101.0	54.0	33.0	6.0					0.04
84.37662	80.0	81.0	57.0	46.0	9.0					0.05
84.37663	165.0	76.0	105.0	51.0	5.0		-11			0.04
84.37664	376.0	119.0	71.0	48.0	3.0		-12			0.15
84.37665	201.0	52.0	42.0	61.0	10.0		-13			0.04
84.37666	11.0	24.0	30.0	12.0	8.0					0.00
84.37667	97.0	69.0	117.0	50.0	10.0					0.13
84.37668	22.0	76.0	43.0	46.0	3.0					0.02
84.37669	55.0	86.0	80.0	46.0	10.0					0.08
84.37670	124.0	57.0	144.0	52.0	3.0		-15			0.11
84.37671	219.0	108.0	26.0	30.0	22.0		-16			0.02
84.37672	76.0	53.0	100.0	37.0	11.0		325-26			0.01

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

30-JAN-85
ANALYSOIJA: HV
TILAAJA: OKP/K.MAKELA, T. GRENNÉ
LAATU: KIVI
ALUE: NORJA LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.37673	89.0	119.0	65.0	36.0	28.0		435-21			0.05
84.37674	78.0	75.0	75.0	48.0	23.0		-22			0.50
84.37675	12.0	36.0	22.0	4.0	19.0		435-1			0.00
84.37676	71.0	85.0	76.0	47.0	17.0					0.03
84.37677	73.0	76.0	102.0	46.0	16.0					0.00
84.37678	75.0	76.0	31.0	41.0	14.0					0.03
84.37679	22.0	111.0	68.0	46.0	20.0					0.04
84.37680	32.0	64.0	77.0	47.0	13.0					0.13
84.37681	66.0	72.0	79.0	38.0	22.0					0.02
84.37682	13.0	58.0	26.0	27.0	10.0					0.01
84.37683	9.0	36.0	44.0	28.0	24.0					0.01
84.37684	34.0	173.0	27.0	18.0	6.0-10					0.02
84.37685	32.0	29.0	39.0	31.0	21.0					0.06
84.37686	21.0	186.0	90.0	29.0	10.0					0.03
84.37687	10.0	30.0	36.0	17.0	14.0					0.02
84.37688	59.0	106.0	54.0	51.0	16.0					0.21
84.37689	35.0	80.0	63.0	40.0	14.0					0.05
84.37690	85.0	101.0	78.0	43.0	12.0					0.16
84.37691	24.0	81.0	101.0	42.0	12.0					0.01
84.37692	48.0	100.0	59.0	43.0	15.0					0.14
84.37693	73.0	90.0	111.0	41.0	16.0					0.00
84.37694	34.0	80.0	313.0	58.0	20.0					0.00
84.37695	34.0	78.0	100.0	41.0	23.0					0.00
84.37696	146.0	234.0	59.0	18.0	44.0			-22		17.40
84.37697	139.0	143.0	53.0	11.0	22.0					19.20
84.37698	39.0	67.0	125.0	34.0	20.0					0.03
84.37699	65.0	69.0	81.0	33.0	16.0		435-25			0.10
84.37700	21.0	122.0	19.0	25.0	18.0		440-1			0.04
84.37701	105.0	73.0	179.0	50.0	18.0					0.05
84.37702	87.0	73.0	86.0	43.0	22.0					0.04
84.37703	52.0	72.0	32.0	25.0	22.0					0.01
84.37704	89.0	78.0	118.0	46.0	17.0		440-5			0.01

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

04-FEB-85
ANALYSOIJA: MAL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.37705	103.0	85.0	94.0	50.0	37.0		440-2			0.10
84.37706	21.0	163.0	46.0	45.0	23.0					0.18
84.37707	56.0	150.0	46.0	49.0	21.0					0.19
84.37708	74.0	87.0	83.0	48.0	26.0					0.05
84.37709	11.0	119.0	115.0	39.0	17.0	-10				0.01
84.37710	38.0	93.0	54.0	46.0	28.0					0.04
84.37711	85.0	89.0	78.0	44.0	16.0					0.10
84.37712	39.0	63.0	113.0	40.0	19.0					0.01
84.37713	80.0	47.0	88.0	43.0	16.0					0.00
84.37714	26.0	34.0	100.0	33.0	23.0					0.06
84.37715	13.0	51.0	64.0	50.0	11.0					0.00
84.37716	12.0	46.0	91.0	34.0	12.0					0.00
84.37717	64.0	55.0	45.0	46.0	22.0					0.01
84.37718	9.0	48.0	45.0	40.0	20.0					0.01
84.37719	78.0	85.0	132.0	45.0	22.0	-20				0.12
84.37720	29.0	80.0	42.0	46.0	19.0					0.06
84.37721	98.0	85.0	73.0	69.0	24.0					0.16
84.37722	36.0	78.0	121.0	34.0	36.0					0.01
84.37723	44.0	93.0	189.0	38.0	29.0					0.01
84.37724	47.0	77.0	184.0	38.0	34.0					0.02
84.37725	52.0	85.0	135.0	34.0	17.0					0.01
84.37726	45.0	89.0	151.0	37.0	27.0					0.02
84.37727	57.0	104.0	181.0	46.0	15.0					0.02
84.37728	55.0	99.0	113.0	41.0	23.0					0.00
84.37729	50.0	90.0	166.0	40.0	26.0	-30				0.00
84.37730	24.0	101.0	111.0	41.0	25.0					0.00
84.37731	65.0	92.0	141.0	39.0	24.0					0.01
84.37732	24.0	88.0	174.0	44.0	28.0					0.01
84.37733	56.0	80.0	174.0	38.0	21.0					0.02
84.37734	61.0	97.0	183.0	45.0	35.0					0.00
84.37735	114.0	87.0	42.0	19.0	30.0					0.20
84.37736	56.0	77.0	132.0	34.0	28.0		440-37			0.00
84.37737	21.0	116.0	44.0	19.0	34.0		445-1			0.00
84.37738	8.0	51.0	69.0	21.0	26.0					0.00
84.37739	83.0	66.0	164.0	43.0	27.0					0.02
84.37740	53.0	85.0	76.0	38.0	27.0					0.02
84.37741	56.0	104.0	87.0	47.0	29.0					0.02
84.37742	78.0	91.0	71.0	45.0	32.0					0.04
84.37743	24.0	66.0	30.0	17.0	28.0					0.09
84.37744	65.0	58.0	118.0	43.0	30.0					0.02
84.37745	116.0	77.0	101.0	35.0	33.0			-9		0.06
84.37746	83.0	68.0	100.0	37.0	27.0					0.01
84.37747	47.0	94.0	272.0	48.0	26.0					0.01
84.37748	53.0	79.0	142.0	34.0	38.0					0.01
84.37749	52.0	95.0	136.0	40.0	29.0					0.00
84.37750	61.0	66.0	174.0	39.0	26.0					0.00
84.37751	65.0	82.0	197.0	32.0	35.0					0.01
84.37752	46.0	82.0	129.0	33.0	35.0		445-17			0.02

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OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

04-FEB-85
ANALYSOIJA: MAL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.37753	77.0	103.0	225.0	53.0	33.0		445-18			0.02
84.37754	67.0	77.0	154.0	46.0	34.0					0.02
84.37755	57.0	84.0	161.0	49.0	24.0					0.00
84.37756	70.0	98.0	120.0	47.0	24.0					0.02
84.37757	57.0	94.0	174.0	58.0	21.0		445-22			0.01
84.37758	68.0	92.0	122.0	43.0	23.0		450-3			0.05
84.37759	22.0	106.0	39.0	24.0	22.0					0.11
84.37760	24.0	95.0	36.0	30.0	29.0					0.03
84.37761	23.0	92.0	24.0	31.0	26.0					0.02
84.37762	97.0	92.0	76.0	47.0	30.0					0.07
84.37763	39.0	126.0	42.0	48.0	24.0					0.16
84.37764	48.0	117.0	47.0	46.0	30.0					0.12
84.37765	102.0	85.0	108.0	51.0	34.0		-10			0.06
84.37766	115.0	89.0	111.0	47.0	27.0					0.14
84.37767	97.0	105.0	112.0	47.0	31.0					0.05
84.37768	141.0	67.0	59.0	34.0	30.0					0.27
84.37769	14.0	36.0	36.0	23.0	28.0					0.01
84.37770	7.0	41.0	58.0	27.0	34.0					0.00
84.37771	31.0	84.0	136.0	43.0	24.0					0.05
84.37772	53.0	73.0	176.0	43.0	27.0					0.00
84.37773	53.0	83.0	143.0	40.0	23.0					0.00
84.37774	14.0	121.0	166.0	44.0	24.0					0.01
84.37775	44.0	130.0	25.0	28.0	50.0		450-20			0.03
84.37776	40.0	101.0	35.0	16.0	27.0		455-1			0.03
84.37777	54.0	109.0	341.0	67.0	25.0					0.01
84.37778	39.0	78.0	67.0	31.0	19.0					0.00
84.37779	56.0	89.0	33.0	47.0	25.0					0.01
84.37780	100.0	65.0	170.0	49.0	19.0		-5			0.05
84.37781	66.0	92.0	39.0	39.0	27.0					0.05
84.37782	100.0	67.0	134.0	41.0	27.0					0.01
84.37783	78.0	98.0	84.0	42.0	23.0					0.10
84.37784	84.0	99.0	50.0	50.0	33.0					0.33
84.37785	57.0	101.0	102.0	31.0	33.0					0.02
84.37786	70.0	120.0	98.0	45.0	30.0					0.05
84.37787	78.0	110.0	96.0	42.0	30.0					0.06
84.37788	37.0	92.0	66.0	41.0	32.0					0.01
84.37789	33.0	66.0	62.0	46.0	34.0					0.03
84.37790	9.0	69.0	93.0	39.0	30.0					0.00
84.37791	81.0	103.0	48.0	43.0	30.0					0.06
84.37792	8.0	58.0	52.0	32.0	25.0					0.01
84.37793	6.0	43.0	58.0	30.0	30.0					0.01
84.37794	41.0	95.0	124.0	34.0	35.0					0.00
84.37795	38.0	89.0	91.0	34.0	29.0		455-20			0.01
84.37796	28.0	62.0	23.0	9.0	44.0		460-1			0.00
84.37797	46.0	119.0	39.0	13.0	27.0					0.05
84.37798	23.0	75.0	104.0	36.0	25.0					0.01
84.37799	71.0	101.0	55.0	35.0	26.0					0.00
84.37800	72.0	85.0	114.0	36.0	27.0		460-5			0.01

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

05-FEB-85
ANALYSOIJA: MAL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.37601	42.0	94.0	20.0	19.0	11.0		460-6			0.00
84.37602	241.0	129.0	28.0	24.0	34.0					0.00
84.37603	82.0	100.0	61.0	49.0	13.0					0.02
84.37604	93.0	95.0	50.0	48.0	11.0					0.01
84.37605	77.0	101.0	52.0	48.0	10.0					0.04
84.37606	85.0	111.0	54.0	47.0	9.0					0.06
84.37607	94.0	89.0	44.0	45.0	15.0					0.05
84.37608	71.0	85.0	72.0	46.0	9.0					0.04
84.37609	50.0	98.0	46.0	39.0	13.0					0.04
84.37610	84.0	98.0	157.0	46.0	8.0					0.02
84.37611	72.0	111.0	196.0	49.0	15.0		460-17			0.05
84.37612	86.0	207.0	12.0	13.0	12.0					0.06
84.37613	86.0	92.0	177.0	53.0	15.0		270-1			0.02
84.37614	88.0	117.0	119.0	51.0	11.0					0.04
84.37615	40.0	111.0	41.0	47.0	11.0					0.01
84.37616	58.0	103.0	66.0	45.0	13.0					0.01
84.37617	85.0	97.0	48.0	43.0	9.0					0.02
84.37618	71.0	92.0	43.0	51.0	13.0					0.01
84.37619	83.0	107.0	41.0	46.0	11.0					0.03
84.37620	57.0	70.0	117.0	49.0	16.0					0.00
84.37621	23.0	87.0	134.0	27.0	17.0					0.01
84.37622	20.0	80.0	143.0	48.0	14.0	-10				0.00
84.37623	68.0	95.0	60.0	41.0	19.0					0.00
84.37624	60.0	130.0	47.0	39.0	13.0					0.02
84.37625	32.0	89.0	25.0	33.0	15.0					0.01
84.37626	30.0	91.0	120.0	36.0	36.0					0.01
84.37627	0.0	134.0	9.0	26.0	16.0					0.01
84.37628	34.0	72.0	72.0	36.0	24.0					0.00
84.37629	54.0	78.0	88.0	42.0	22.0					0.02
84.37630	50.0	77.0	82.0	38.0	14.0					0.01
84.37631	26.0	56.0	66.0	33.0	19.0					0.03
84.37632	15.0	94.0	30.0	44.0	17.0					0.00
84.37633	31.0	108.0	88.0	46.0	19.0					0.07
84.37634	51.0	110.0	130.0	53.0	14.0					0.03
84.37635	38.0	86.0	150.0	47.0	17.0					0.00
84.37636	54.0	103.0	77.0	54.0	17.0		270-24			0.00
84.37637	49.0	86.0	119.0	50.0	19.0		275-1			0.00
84.37638	56.0	89.0	66.0	46.0	18.0					0.06
84.37639	18.0	90.0	73.0	44.0	21.0					0.02
84.37640	25.0	68.0	130.0	34.0	21.0					0.00
84.37641	43.0	89.0	95.0	41.0	18.0					0.00
84.37642	46.0	102.0	30.0	42.0	23.0					0.06
84.37643	51.0	104.0	61.0	43.0	23.0					0.07
84.37644	25.0	75.0	71.0	30.0	17.0					0.02
84.37645	36.0	95.0	108.0	50.0	23.0					0.00
84.37646	43.0	132.0	66.0	46.0	15.0					0.00
84.37647	58.0	87.0	39.0	46.0	19.0					0.03
84.37648	38.0	124.0	70.0	42.0	22.0		275-12			0.02

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

05-FEB-85
ANALYSOIJA: MAL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.37849	33.0	147.0	51.0	46.0	20.0		275-13			0.01
84.37850	77.0	118.0	62.0	37.0	11.0					0.19
84.37851	35.0	89.0	58.0	32.0	18.0					0.13
84.37852	64.0	117.0	47.0	32.0	13.0					0.21
84.37853	19.0	174.0	59.0	40.0	12.0					0.01
84.37854	33.0	105.0	56.0	44.0	15.0					0.01
84.37855	24.0	107.0	61.0	33.0	16.0					0.23
84.37856	47.0	116.0	61.0	40.0	14.0					0.03
84.37857	71.0	104.0	40.0	43.0	17.0					0.09
84.37858	103.0	128.0	60.0	42.0	21.0		-22			0.01
84.37859	59.0	78.0	13.0	39.0	10.0					0.95
84.37860	116.0	1100.0	53.0	47.0	29.0		-24			4.75
84.37861	55.0	114.0	37.0	38.0	16.0					0.88
84.37862	84.0	91.0	17.0	46.0	14.0					1.03
84.37863	39.0	97.0	60.0	31.0	15.0		275-28			0.02
84.37864	48.0	109.0	56.0	46.0	16.0					0.00

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

22-FEB-85
ANALYSOIJA: TL
TILAAJA: K.MÄKELÄ
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.37865	52.0	102.0	46.0	48.0	21.0		275-29			0.15
84.37866	46.0	123.0	95.0	40.0	18.0		-30			0.15
84.37867	64.0	142.0	77.0	37.0	17.0		280-1			0.01
84.37868	11.0	55.0	73.0	49.0	20.0					0.01
84.37869	65.0	74.0	114.0	38.0	30.0					0.02
84.37870	40.0	71.0	206.0	48.0	22.0					0.02
84.37871	30.0	83.0	105.0	37.0	20.0					0.02
84.37872	53.0	115.0	101.0	33.0	22.0					0.01
84.37873	58.0	100.0	82.0	40.0	26.0					0.03
84.37874	32.0	77.0	77.0	40.0	10.0					0.02
84.37875	32.0	123.0	46.0	38.0	21.0					0.26
84.37876	208.0	104.0	77.0	46.0	20.0		10			0.08
84.37877	57.0	138.0	70.0	41.0	27.0					0.08
84.37878	45.0	123.0	91.0	43.0	13.0					0.01
84.37879	84.0	112.0	152.0	54.0	30.0					0.02
84.37880	51.0	112.0	71.0	52.0	35.0					0.02
84.37881	46.0	128.0	75.0	49.0	26.0					0.00
84.37882	122.0	94.0	81.0	52.0	24.0					0.10
84.37883	63.0	156.0	72.0	55.0	20.0					0.01
84.37884	133.0	102.0	120.0	46.0	20.0					0.00
84.37885	73.0	87.0	96.0	37.0	13.0					0.04
84.37886	26.0	132.0	32.0	41.0	15.0	-20				0.20
84.37887	68.0	100.0	48.0	46.0	19.0					0.01
84.37888	13.0	112.0	98.0	36.0	6.0					0.05
84.37889	30.0	175.0	21.0	47.0	3.0					0.03
84.37890	76.0	118.0	68.0	44.0	22.0					0.00
84.37891	85.0	121.0	50.0	47.0	10.0					0.10
84.37892	25.0	84.0	8.0	31.0	7.0					0.01
84.37893	37.0	123.0	16.0	43.0	3.0					0.01
84.37894	89.0	114.0	60.0	38.0	0.0					0.01
84.37895	28.0	103.0	33.0	41.0	6.0					0.01
84.37896	51.0	100.0	84.0	38.0	10.0					0.02
84.37897	30.0	100.0	140.0	46.0	8.0					0.00
84.37898	28.0	73.0	57.0	44.0	8.0		280-32			0.00
84.37941	5.0	61.0	62.0	40.0	8.0		305-35			0.00
84.37942	26.0	100.0	119.0	35.0	16.0					0.01
84.37943	5.0	33.0	62.0	33.0	4.0					0.00
84.37944	5.0	115.0	126.0	47.0	13.0					0.00
84.37945	10.0	103.0	49.0	43.0	12.0					0.00
84.37946	55.0	87.0	100.0	40.0	13.0		305-40			0.02

37.899 - 37940 N-T

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

22-FEB-85
ANALYSOIJA: TL
TILAAJA: K.NÄKELÄ
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.37947	58.0	71.0	80.0	41.0	26.0		305-41			0.01
84.37948	23.0	93.0	64.0	46.0	32.0		-42			0.02
84.37949	15.0	153.0	116.0	38.0	28.0		315-42			0.01
84.37950	16.0	97.0	112.0	43.0	24.0					0.00
84.37951	26.0	88.0	111.0	40.0	20.0					0.02
84.37952	49.0	83.0	103.0	47.0	22.0					0.00
84.37953	12.0	75.0	109.0	41.0	27.0					0.02
84.37954	69.0	117.0	119.0	41.0	21.0					0.02
84.37955	32.0	88.0	136.0	44.0	27.0		315-49			0.01
84.37956	51.0	92.0	111.0	46.0	29.0					0.00
84.37957	50.0	72.0	96.0	51.0	28.0		320-47			0.00
84.37958	13.0	106.0	56.0	47.0	23.0					0.00
84.37959	10.0	84.0	89.0	38.0	21.0					0.01
84.37960	6.0	28.0	29.0	38.0	19.0					0.00
84.37961	10.0	47.0	80.0	53.0	25.0		380-51			0.01
84.37962	8.0	30.0	47.0	48.0	27.0		375-55			0.00
84.37963	96.0	50.0	44.0	44.0	21.0					0.02
84.37964	10.0	32.0	33.0	43.0	24.0					0.00
84.37965	5.0	21.0	13.0	15.0	18.0					0.01
84.37966	7.0	21.0	28.0	13.0	31.0		375-59			0.00
84.37967	18.0	133.0	123.0	48.0	11.0		417,5-1			0.00
84.37968	79.0	105.0	78.0	41.0	13.0					0.02
84.37969	9.0	70.0	46.0	56.0	9.0					0.01
84.37970	70.0	120.0	94.0	42.0	15.0					0.05
84.37971	77.0	105.0	101.0	46.0	16.0					0.00
84.37972	82.0	98.0	91.0	42.0	10.0					0.63
84.37973	46.0	107.0	91.0	28.0	30.0					0.09
84.37974	30.0	173.0	27.0	27.0	14.0					0.02
84.37975	72.0	508.0	57.0	29.0	30.0					0.05
84.37976	85.0	91.0	91.0	43.0	18.0					0.01
84.37977	76.0	102.0	50.0	41.0	7.0		417,5-11			0.03
84.37978	95.0	102.0	66.0	44.0	5.0		390-49			0.00
84.37979	5.0	45.0	5.0	4.0	10.0					0.00
84.37980	86.0	113.0	69.0	41.0	10.0					0.00
84.37981	74.0	138.0	73.0	43.0	7.0					0.00
84.37982	46.0	103.0	51.0	38.0	4.0					0.16
84.37983	103.0	105.0	72.0	45.0	13.0		390-54			0.00
84.37984	50.0	105.0	31.0	25.0	7.0		435-26			0.39
84.37985	43.0	103.0	38.0	33.0	12.0		-27			0.05
84.37986	33.0	78.0	38.0	27.0	10.0		-28			0.01

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OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

22-FEB-65
ANALYSOIJA: TL
TILAAJA: K.MÄKELÄ
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
64.37987	12.0	141.0	68.0	49.0	18.0		435-29			0.07
64.37988	36.0	115.0	42.0	42.0	17.0		400-26			0.03
64.37989	54.0	76.0	28.0	8.0	13.0					0.02
64.37990	14.0	95.0	14.0	33.0	21.0					0.07
64.37991	43.0	115.0	258.0	47.0	14.0					0.00
64.37992	50.0	132.0	66.0	38.0	22.0					0.01
64.37993	46.0	140.0	154.0	42.0	31.0		400-32			0.00
64.37994	40.0	152.0	156.0	44.0	24.0		315-34			0.01
64.37995	124.0	89.0	91.0	30.0	22.0		-35			0.01
64.37996	95.0	67.0	89.0	30.0	26.0		-36			0.01
64.37997	55.0	109.0	138.0	66.0	24.0		315-38			0.05
64.37998	64.0	86.0	110.0	42.0	27.0		445-8			0.00
64.37999	85.0	98.0	82.0	50.0	26.0		310-19			0.08
64.38000	30.0	81.0	30.0	48.0	22.0		-21			0.00
64.38001	28.0	75.0	110.0	47.0	24.0		-22			0.02
64.38002	150.0	62.0	128.0	41.0	30.0		-24			0.06
64.38003	50.0	123.0	63.0	63.0	28.0		310-30			0.36
64.38004	43.0	83.0	134.0	35.0	23.0		410-32			0.00
64.38005	105.0	128.0	72.0	58.0	28.0		450-01			0.11
64.38006	163.0	114.0	93.0	38.0	41.0		450-02			0.05
64.38007	71.0	98.0	71.0	41.0	11.0					0.04
64.38008	112.0	80.0	13.0	41.0	17.0					1.88
64.38009	28.0	84.0	28.0	33.0	20.0					0.42
64.38010	365.0	114.0	22.0	48.0	13.0					0.85
64.38011	68.0	104.0	15.0	31.0	2.0					0.09
64.38012	85.0	116.0	40.0	43.0	15.0					0.77
64.38013	276.0	112.0	21.0	62.0	23.0					5.86
64.38014	239.0	108.0	21.0	51.0	13.0					2.69
64.38015	162.0	107.0	22.0	33.0	16.0					1.27
64.38016	134.0	93.0	15.0	36.0	18.0					4.52
64.38017	206.0	92.0	21.0	62.0	22.0					3.16
64.38018	349.0	98.0	33.0	74.0	21.0					7.71
64.38019	33.0	17.0	10.0	18.0	11.0					0.91
64.38020	310.0	93.0	33.0	171.0	20.0					15.9
64.38021	14.0	198.0	19.0	53.0	19.0					0.07
64.38022	22.0	179.0	22.0	50.0	12.0					0.00
64.38023	93.0	68.0	3.0	17.0	28.0					0.10
64.38024	102.0	98.0	15.0	22.0	21.0					0.39
64.38025	183.0	91.0	10.0	20.0	12.0					0.11
64.38026	134.0	90.0	20.0	25.0	9.0					0.31
64.38027	56.0	121.0	93.0	30.0	20.0					0.07
64.38028	10.0	93.0	13.0	10.0	13.0					0.01
64.38029	133.0	85.0	16.0	24.0	23.0					0.01
64.38030	26.0	66.0	28.0	15.0	23.0					0.01
64.38031	184.0	86.0	13.0	14.0	33.0					0.51

Ag T17 136

Hälvinda

Andra prover.

38032 - 38.750 Ingen prover

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OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

23-AUG-84
ANALYSOIJA: MAL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.38751	10.0	103.0	14.0	40.0	24.0	5.9		330-1		0.01
84.38752	57.0	99.0	52.0	56.0	32.0	4.0				0.08
84.38753	79.0	71.0	67.0	63.0	27.0	2.8				0.02
84.38754	60.0	133.0	55.0	58.0	30.0	3.0				0.40
84.38755	182.0	216.0	69.0	55.0	24.0	2.6				1.35
84.38756	40.0	80.0	46.0	65.0	26.0	3.2				0.11
84.38757	14.0	76.0	54.0	61.0	29.0	3.1				0.02
84.38758	11.0	108.0	67.0	65.0	26.0	2.6				0.01
84.38759	6.0	82.0	29.0	52.0	21.0	3.5				0.01
84.38760	8.0	44.0	36.0	59.0	22.0	2.8		- 10		0.02
84.38761	12.0	32.0	50.0	62.0	27.0	3.1				0.01
84.38762	7.0	45.0	37.0	56.0	21.0	2.9				0.00
84.38763	7.0	34.0	32.0	61.0	28.0	2.9				0.00
84.38764	9.0	39.0	33.0	57.0	24.0	3.2				0.01
84.38765	8.0	53.0	124.0	74.0	28.0	2.3				0.02
84.38766	8.0	30.0	96.0	64.0	25.0	3.3				0.11
84.38767	9.0	51.0	125.0	65.0	26.0	3.1				0.02
84.38768	8.0	44.0	87.0	70.0	30.0	2.9				0.03
84.38769	9.0	32.0	65.0	68.0	24.0	3.1				0.01
84.38770	9.0	31.0	55.0	67.0	29.0	3.4		-20		0.00
84.38771	7.0	39.0	153.0	60.0	26.0	12.5				0.02
84.38772	28.0	67.0	83.0	63.0	25.0	4.1				0.02
84.38773	7.0	72.0	131.0	71.0	25.0	2.7				0.00
84.38774	8.0	54.0	112.0	65.0	24.0	2.9				0.02
84.38775	6.0	41.0	90.0	62.0	25.0	3.0				0.00
84.38776	19.0	107.0	50.0	63.0	27.0	3.4				0.01
84.38777	13.0	50.0	7.0	54.0	22.0	3.0				0.00
84.38778	47.0	102.0	99.0	68.0	31.0	3.0				0.08
84.38779	17.0	76.0	228.0	92.0	24.0	2.8				0.00
84.38780	10.0	69.0	113.0	80.0	25.0	2.8		- 30		0.00
84.38781	28.0	56.0	28.0	57.0	27.0	2.8				0.02
84.38782	9.0	59.0	75.0	62.0	27.0	3.1				0.00
84.38783	33.0	50.0	74.0	66.0	28.0	3.2				0.01
84.38784	23.0	42.0	54.0	71.0	26.0	3.1				0.01
84.38785	25.0	60.0	91.0	51.0	29.0	3.3				0.01
84.38786	4.0	37.0	0.0	14.0	12.0	1.5				0.00
84.38787	4.0	39.0	0.0	14.0	13.0	1.7				0.00
84.38788	5.0	50.0	0.0	15.0	16.0	1.9				0.01
84.38789	5.0	52.0	0.0	13.0	12.0	1.7				0.02
84.38790	32.0	83.0	89.0	68.0	35.0	3.3		330-40		0.04
84.38791	44.0	88.0	127.0	56.0	22.0	3.1				0.00
84.38792	46.0	86.0	112.0	52.0	29.0	3.2				0.03
84.38793	59.0	84.0	136.0	59.0	25.0	3.4				0.01
84.38794	50.0	94.0	114.0	62.0	27.0	3.5				0.01
84.38795	4.0	20.0	0.0	4.0	5.0	1.0	(ei mitä 14)	330-45		0.03
84.38796	45.0	91.0	202.0	60.0	26.0	3.6				0.01
84.38797	4.0	28.0	0.0	10.0	7.0	1.3				0.02
84.38798	5.0	39.0	0.0	13.0	12.0	2.0		330-48		0.02

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OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

24-AUG-84
ANALYSOIJA: MAL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.38799	56.0	104.0	93.0	62.0	30.0	17.2				0.04
84.38800	74.0	98.0	216.0	73.0	34.0	5.2				0.01
84.38801	117.0	80.0	92.0	63.0	32.0	3.8				0.01
84.38802	4.0	45.0	0.0	11.0	14.0	1.8				0.01
84.38803	21.0	127.0	177.0	73.0	36.0	3.5				0.00
84.38804	63.0	91.0	119.0	62.0	29.0	3.3				0.02
84.38805	34.0	86.0	168.0	76.0	36.0	3.0				0.02
84.38806	8.0	359.0	164.0	71.0	30.0	3.1				0.00
84.38807	32.0	45.0	98.0	65.0	34.0	3.9				0.02
84.38808	26.0	50.0	150.0	64.0	36.0	3.8				0.02
84.38809	23.0	98.0	69.0	67.0	29.0	3.4				0.02
84.38810	26.0	116.0	12.0	56.0	36.0	3.8				0.05
84.38811	59.0	106.0	13.0	64.0	27.0	3.6				0.03
84.38812	17.0	105.0	77.0	75.0	25.0	3.9				0.00
84.38813	18.0	190.0	113.0	75.0	30.0	3.3				0.02
84.38814	47.0	96.0	62.0	65.0	28.0	3.8				0.03
84.38815	102.0	94.0	61.0	65.0	24.0	3.8				0.01
84.38816	12.0	68.0	40.0	68.0	24.0	3.3				0.01
84.38817	35.0	87.0	87.0	68.0	22.0	3.6				0.31
84.38818	28.0	98.0	54.0	65.0	21.0	3.5				0.02
84.38819	10.0	106.0	114.0	76.0	23.0	17.1				0.01
84.38820	48.0	72.0	89.0	68.0	30.0	3.1				0.01
84.38821	61.0	72.0	40.0	67.0	26.0	2.8				0.10
84.38822	66.0	94.0	61.0	78.0	25.0	2.8				0.15
84.38823	27.0	114.0	82.0	66.0	28.0	3.6				0.02
84.38824	103.0	118.0	94.0	69.0	27.0	3.3				0.03
84.38825	122.0	105.0	60.0	57.0	29.0	3.5				0.02
84.38826	82.0	110.0	73.0	68.0	32.0	3.4				0.16
84.38827	124.0	133.0	98.0	72.0	29.0	3.4				0.02
84.38828	71.0	82.0	83.0	67.0	27.0	3.0				0.18
84.38829	10.0	127.0	133.0	69.0	29.0	3.1				0.02
84.38830	69.0	97.0	103.0	71.0	31.0	3.4				0.12
84.38831	67.0	114.0	92.0	69.0	27.0	3.0				0.18
84.38832	70.0	127.0	86.0	72.0	25.0	2.9				0.01
84.38833	8.0	90.0	53.0	68.0	29.0	3.5				0.02
84.38834	8.0	61.0	83.0	67.0	33.0	3.3				0.01
84.38835	9.0	79.0	38.0	57.0	25.0	3.0				0.01
84.38836	21.0	117.0	53.0	56.0	26.0	2.8				0.04
84.38837	23.0	83.0	56.0	42.0	35.0	3.0				0.06
84.38838	31.0	102.0	27.0	91.0	26.0	3.3				0.01
84.38839	24.0	89.0	142.0	82.0	29.0	2.9				0.01
84.38840	8.0	148.0	106.0	61.0	26.0	3.0				0.00

OUTOKUMPU OY
MALMINETSINTÄ
GEOLOGINEN LABORATORIO

OO-SEP-84
ANALYSOIJA: JO
TILAAJA: K.MÄKELÄ UKP
LAATU: KIVI
ALUE: LOKKEN VERK,NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

J	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.36841	16.0	64.0	116.0	55.0	34.0	50.5		335-25		0.02
84.36842	44.0	70.0	282.0	97.0	28.0	29.3				0.01
84.36843	66.0	86.0	84.0	57.0	49.0	7.2				0.17
84.36844	74.0	95.0	24.0	77.0	31.0	3.4				0.14
84.36845	51.0	92.0	76.0	72.0	34.0	3.1				0.08
84.36846	57.0	87.0	49.0	78.0	35.0	3.8		-20		0.15
84.36847	64.0	148.0	37.0	105.0	36.0	4.0				0.14
84.36848	64.0	97.0	65.0	81.0	35.0	3.5				0.25
84.36849	45.0	73.0	94.0	67.0	35.0	3.3				0.00
84.36850	31.0	73.0	73.0	69.0	35.0	3.5				0.01
84.36851	30.0	80.0	156.0	68.0	38.0	3.9				0.00
84.36852	54.0	83.0	160.0	71.0	36.0	3.4				0.00
84.36853	218.0	277.0	80.0	58.0	189.0	3.7				0.00
84.36854	6.0	33.0	9.0	16.0	17.0	1.6				0.00
84.36855	6.0	34.0	8.0	18.0	19.0	1.8				0.00
84.36856	98.0	85.0	134.0	71.0	28.0	3.2		-40		0.08
84.36857	42.0	78.0	197.0	78.0	32.0	3.6				0.01
84.36858	75.0	76.0	85.0	63.0	40.0	3.7				0.00
84.36859	29.0	77.0	82.0	60.0	33.0	3.7				0.02
84.36860	52.0	90.0	130.0	74.0	33.0	3.3				0.03
84.36861	25.0	123.0	101.0	57.0	33.0	3.0				0.00
84.36862	41.0	124.0	132.0	67.0	30.0	2.6				0.01
84.36863	62.0	98.0	120.0	62.0	37.0	2.3				0.00
84.36864	30.0	93.0	137.0	66.0	28.0	2.6				0.03
84.36865	9.0	62.0	132.0	66.0	31.0	2.1				0.00
84.36866	65.0	98.0	233.0	75.0	31.0	2.7		-50		0.00
84.36867	63.0	105.0	79.0	61.0	25.0	2.5				0.03
84.36868	0.0	48.0	12.0	10.0	25.0	1.0				0.09
84.36869	43.0	76.0	86.0	57.0	30.0	2.6				0.04
84.36870	29.0	96.0	148.0	69.0	38.0	2.4				0.01
84.36871	26.0	98.0	201.0	69.0	30.0	2.8				0.00
84.36872	37.0	84.0	83.0	65.0	31.0	2.3				0.00
84.36873	30.0	96.0	98.0	66.0	36.0	2.5				0.30
84.36874	35.0	91.0	83.0	60.0	31.0	2.3				0.03
84.36875	41.0	101.0	84.0	66.0	33.0	2.6				0.11
84.36876	58.0	89.0	81.0	61.0	35.0	2.6		-60		0.01
84.36877	0.0	84.0	117.0	63.0	41.0	2.6				0.01
84.36878	34.0	90.0	127.0	62.0	30.0	2.9				0.03
84.36879	8.0	212.0	130.0	56.0	32.0	2.2				0.00
84.36880	39.0	97.0	74.0	60.0	31.0	3.1				0.12
84.36881	136.0	102.0	70.0	74.0	34.0	2.9				0.18
84.36882	36.0	97.0	98.0	72.0	32.0	2.8				0.00
84.36883	49.0	104.0	93.0	70.0	31.0	2.9				0.05
84.36884	14.0	107.0	82.0	64.0	30.0	3.2				0.01
84.36885	65.0	90.0	105.0	72.0	34.0	2.6				0.01
84.36886	37.0	78.0	90.0	50.0	31.0	2.7		335-70		0.22
84.36887	51.0	93.0	96.0	58.0	28.0	2.8		340-1		0.00
84.36888	38.0	90.0	172.0	74.0	37.0	3.2		-2		0.00

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

02-SEP-84
ANALYSOIJA: JO
TILAAJA: A.MAKELA
LAATU: KIVI
ALUE: LOKKEN VERK,NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.38889	53.0	89.0	169.0	73.0	26.0	55.2		340-2		0.06
84.38890	75.0	92.0	142.0	73.0	35.0	9.7				0.01
84.38891	99.0	79.0	127.0	61.0	39.0	3.3				0.02
84.38892	74.0	84.0	95.0	71.0	34.0	3.5				0.02
84.38893	79.0	92.0	94.0	74.0	34.0	3.2				0.02
84.38894	64.0	84.0	109.0	73.0	28.0	3.2				0.03
84.38895	31.0	78.0	43.0	62.0	33.0	2.8				0.05
84.38896	20.0	123.0	18.0	63.0	29.0	3.1		340-10		0.00
84.38897	80.0	110.0	67.0	75.0	24.0	3.5				0.14
84.38898	108.0	115.0	55.0	78.0	37.0	3.6				0.08
84.38899	8.0	74.0	130.0	75.0	27.0	3.9				0.00
84.38900	28.0	113.0	77.0	74.0	34.0	3.2				0.03
84.38901	10.0	99.0	53.0	63.0	29.0	3.4				0.01
84.38902	14.0	147.0	90.0	80.0	29.0	3.1				0.00
84.38903	6.0	40.0	58.0	58.0	29.0	3.3				0.00
84.38904	45.0	83.0	113.0	71.0	35.0	3.1				0.00
84.38905	48.0	93.0	85.0	73.0	26.0	3.0				0.02
84.38906	61.0	53.0	167.0	80.0	29.0	3.1		340-20		0.00
84.38907	45.0	66.0	213.0	56.0	24.0	3.0				0.00
84.38908	53.0	70.0	94.0	61.0	29.0	3.3				0.08
84.38909	10.0	31.0	12.0	9.0	19.0	3.3				0.05
84.38910	13.0	30.0	21.0	16.0	20.0	2.1				0.01
84. 911	8.0	23.0	12.0	11.0	26.0	1.9				0.02
84.38912	9.0	26.0	10.0	12.0	27.0	1.7				0.05
84.38913	33.0	74.0	103.0	61.0	40.0	3.5				0.00
84.38914	38.0	102.0	113.0	68.0	37.0	3.3				0.00
84.38915	52.0	83.0	105.0	67.0	44.0	3.2				0.04
84.38916	0.0	38.0	18.0	13.0	26.0	2.1		340-30		0.00
84.38917	33.0	76.0	157.0	66.0	39.0	3.5				0.00
84.38918	16.0	162.0	207.0	86.0	44.0	3.4				0.00
84.38919	33.0	78.0	162.0	65.0	40.0	4.1				0.00
84.38920	8.0	40.0	23.0	15.0	21.0	2.2				0.01
84.38921	4.0	31.0	65.0	62.0	29.0	3.6				0.00
84.38922	62.0	94.0	150.0	71.0	37.0	3.6				0.01
84.38923	42.0	110.0	180.0	70.0	38.0	3.9				0.00
84.38924	28.0	100.0	136.0	80.0	40.0	3.6				0.00
84.38925	56.0	100.0	89.0	70.0	37.0	4.0				0.01
84.38926	54.0	90.0	104.0	66.0	39.0	3.8		340-40		0.02
84.38927	41.0	88.0	32.0	65.0	38.0	4.0				0.44
84.38928	39.0	84.0	101.0	81.0	42.0	3.9				0.01
84.38929	54.0	90.0	91.0	80.0	40.0	3.6				0.01
84.38930	171.0	250.0	84.0	68.0	83.0	4.2		340-44		0.14
84.38795	8.0	28.0	7.0	11.0	24.0	2.3	X	330-45		

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OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

04-SEP-84
ANALYSOIJA: JO
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: LOKKEN VERK.NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

NÄYTE	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.38831	10.0	53.0	6.0	10.0	21.0	57.4		340-45		0.02
84.38832	6.0	50.0	3.0	12.0	27.0	7.5				0.00
84.38833	35.0	96.0	32.0	50.0	28.0	2.9				0.04
84.38834	55.0	119.0	46.0	72.0	30.0	2.9				0.06
84.38835	59.0	96.0	52.0	70.0	26.0	3.5				0.08
84.38836	59.0	91.0	50.0	62.0	32.0	3.2				0.05
84.38837	35.0	90.0	124.0	72.0	37.0	3.3				0.00
84.38838	31.0	91.0	57.0	74.0	34.0	3.4				0.01
84.38839	44.0	107.0	26.0	59.0	36.0	3.2				0.04
84.38840	57.0	108.0	43.0	70.0	32.0	3.0		340-54		0.11
84.38841	57.0	88.0	33.0	58.0	31.0	2.9		34: 1		0.04
84.38842	58.0	94.0	65.0	66.0	33.0	3.1				0.03
84.38843	55.0	80.0	207.0	78.0	39.0	3.7				0.04
84.38844	57.0	95.0	78.0	76.0	26.0	3.3				0.02
84.38845	119.0	130.0	68.0	80.0	40.0	3.4				0.23
84.38846	22.0	104.0	124.0	76.0	32.0	3.6				0.00
84.38847	70.0	87.0	130.0	76.0	32.0	3.7				0.06
84.38848	20.0	86.0	183.0	54.0	41.0	3.3				0.00
84.38849	57.0	86.0	132.0	76.0	30.0	3.5				0.02
84.38850	75.0	116.0	75.0	82.0	30.0	3.5		-10		0.00
84.38851	55.0	76.0	63.0	37.0	33.0	22.3				0.02
84.38852	63.0	98.0	85.0	57.0	36.0	2.5				0.05
84.38853	58.0	110.0	126.0	70.0	31.0	2.5				0.02
84.38854	52.0	102.0	164.0	72.0	33.0	2.5				0.00
84.38855	28.0	83.0	158.0	73.0	34.0	2.7				0.00
84.38856	36.0	147.0	99.0	71.0	41.0	2.9				0.31
84.38857	45.0	91.0	73.0	66.0	37.0	2.9				0.05
84.38858	69.0	90.0	31.0	66.0	37.0	2.8				0.03
84.38859	503.0	304.0	31.0	72.0	34.0	3.3				0.00
84.38860	5.0	93.0	46.0	52.0	29.0	2.6		-20		0.11
84.38861	31.0	147.0	38.0	58.0	32.0	2.8				0.02
84.38862	7.0	60.0	61.0	58.0	31.0	3.3				0.00
84.38863	15.0	128.0	85.0	68.0	34.0	2.8				0.01
84.38864	5.0	53.0	60.0	68.0	33.0	2.9				0.00
84.38865	149.0	98.0	0.0	47.0	23.0	2.4				1.01
84.38866	7.0	43.0	153.0	57.0	37.0	3.2				0.00
84.38867	6.0	35.0	60.0	58.0	36.0	3.1				0.00
84.38868	3.0	28.0	8.0	44.0	24.0	2.8				0.01
84.38869	65.0	65.0	154.0	73.0	40.0	3.4				0.01
84.38870	8.0	38.0	18.0	60.0	32.0	3.2		340-36		0.01
84.38871	7.0	58.0	4.0	36.0	20.0	2.5				0.01
84.38872	8.0	38.0	1.0	18.0	21.0	2.2				0.01
84.38873	6.0	20.0	6.0	25.0	26.0	2.5				0.00
84.38874	31.0	38.0	11.0	40.0	29.0	2.7				0.64
84.38875	80.0	69.0	146.0	63.0	38.0	3.3				0.01
84.38876	5.0	42.0	82.0	43.0	27.0	3.4				0.01
84.38877	20.0	41.0	30.0	43.0	40.0	3.1				0.02
84.38878	30.0	84.0	16.0	48.0	27.0	3.1		345-58		0.00

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

05-SEP-84
ANE OIJA: JO
TILAAJA: A.MÄKELÄ
LAATU: KIVI
ALUE: LOKKEN VERK.NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.38979	49.0	93.0	140.0	74.0	39.0		345-39			0.02
84.38980	44.0	96.0	94.0	68.0	34.0					0.01
84.38981	8.0	118.0	80.0	74.0	32.0					0.00
84.38982	13.0	101.0	97.0	75.0	26.0					0.01
84.38983	15.0	46.0	16.0	14.0	18.0					0.00
84.38984	16.0	132.0	16.0	70.0	35.0					0.06
84.38985	74.0	81.0	52.0	66.0	31.0					0.00
84.38986	74.0	82.0	54.0	63.0	31.0					0.05
84.38987	33.0	58.0	29.0	62.0	24.0					0.00
84.38988	76.0	75.0	85.0	74.0	28.0					0.00
84.38989	86.0	74.0	102.0	72.0	30.0		345-50			0.00
84.38990	101.0	137.0	114.0	65.0	31.0					0.70
84.38991	42.0	95.0	132.0	72.0	25.0		345-1			0.00
84.38992	52.0	102.0	85.0	66.0	24.0					0.00
84.38993	63.0	85.0	72.0	68.0	23.0					0.01
84.38994	36.0	90.0	78.0	74.0	34.0					0.01
84.38995	49.0	85.0	59.0	66.0	30.0					0.05
84.38996	58.0	88.0	118.0	70.0	32.0					0.01
84.38997	31.0	52.0	11.0	32.0	16.0					0.02
84.38998	40.0	86.0	131.0	68.0	34.0					0.01
84.38999	58.0	78.0	143.0	70.0	33.0					0.54
84.39000	55.0	100.0	160.0	73.0	25.0		350-10			0.00

39001 – 39025 TEST PRØVER.

OUTOKUMPU OY
MALMINETSINTÄ
GEOLOGINEN LABORATORIO

22-FEB-85
ANALYSOIJA: TL
TILAAJA: K.MÄKELÄ
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39026	56.0	92.0	146.0	33.0	14.0		350-11			0.01
84.39027	73.0	104.0	113.0	38.0	10.0					0.00
84.39028	47.0	111.0	37.0	34.0	11.0					0.11
84.39029	55.0	113.0	47.0	43.0	11.0					0.07
84.39030	57.0	100.0	57.0	43.0	8.0					0.06
84.39031	62.0	125.0	56.0	48.0	9.0					0.07
84.39032	7.0	71.0	37.0	24.0	13.0					0.06
84.39033	17.0	93.0	72.0	52.0	15.0					0.41
84.39034	7.0	104.0	105.0	43.0	10.0					0.06
84.39035	5.0	79.0	50.0	36.0	8.0 - 20					0.01
84.39036	7.0	51.0	15.0	21.0	13.0					0.01
84.39037	7.0	55.0	29.0	31.0	10.0					0.00
84.39038	10.0	57.0	37.0	35.0	11.0					0.04
84.39039	68.0	114.0	91.0	40.0	24.0					0.02
84.39040	7.0	68.0	47.0	51.0	10.0					0.01
84.39041	6.0	53.0	83.0	41.0	14.0					0.00
84.39042	16.0	63.0	60.0	40.0	18.0					0.00
84.39043	4.0	94.0	87.0	43.0	10.0					0.00
84.39044	48.0	137.0	133.0	55.0	11.0					0.02
84.39045	45.0	113.0	79.0	42.0	13.0 - 30					0.06
84.39046	76.0	126.0	104.0	37.0	18.0					0.05
84.39047	22.0	87.0	84.0	44.0	14.0					0.00
84.39048	45.0	93.0	107.0	38.0	14.0					0.19
84.39049	41.0	103.0	164.0	45.0	17.0					0.06
84.39050	55.0	82.0	82.0	40.0	14.0					0.04
84.39051	45.0	135.0	115.0	47.0	17.0					0.03
84.39052	36.0	94.0	84.0	38.0	16.0					0.02
84.39053	62.0	125.0	225.0	58.0	19.0					0.00
84.39054	64.0	89.0	114.0	42.0	15.0					0.00
84.39055	36.0	82.0	173.0	41.0	12.0 - 40					0.04
84.39056	17.0	123.0	105.0	35.0	12.0					0.01
84.39057	43.0	132.0	23.0	41.0	11.0					0.00
84.39058	13.0	134.0	21.0	51.0	14.0					0.34
84.39059	38.0	76.0	29.0	28.0	15.0					0.20
84.39060	60.0	113.0	57.0	40.0	9.0		350-45			0.02

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

01-MAR-85
ANALYSOIJA: TR
TILAAJA: K MAKELA
LAATU: KAIRAUS
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39061	54.0	122.0	54.0	40.0	14.0		350 - 46			0.03
84.39062	33.0	139.0	38.0	43.0	9.0					0.02
84.39063	120.0	102.0	146.0	44.0	13.0					0.01
84.39064	42.0	89.0	40.0	29.0	18.0					0.00
84.39065	37.0	94.0	82.0	37.0	17.0					0.00
84.39066	17.0	175.0	124.0	37.0	17.0		351-51			0.00
84.39067	51.0	107.0	54.0	43.0	14.0		345-51			0.09
84.39068	7.0	61.0	181.0	55.0	18.0					0.00
84.39069	9.0	55.0	127.0	45.0	16.0					0.00
84.39070	7.0	83.0	71.0	44.0	13.0					0.01
84.39071	5.0	38.0	20.0	6.0	9.0					0.00
84.39072	8.0	96.0	31.0	28.0	12.0					0.01
84.39073	7.0	52.0	288.0	36.0	11.0		345-57			0.00
84.39074	29.0	96.0	99.0	37.0	9.0		325-61			0.16
84.39075	86.0	77.0	131.0	35.0	13.0					0.00
84.39076	75.0	76.0	126.0	36.0	17.0					0.06
84.39077	51.0	79.0	182.0	41.0	13.0					0.00
84.39078	59.0	79.0	91.0	40.0	17.0					0.02
84.39079	45.0	108.0	80.0	37.0	15.0					0.07
84.39080	37.0	108.0	65.0	41.0	16.0					1.17
84.39081	84.0	94.0	84.0	43.0	21.0					0.40
84.39082	18.0	37.0	42.0	39.0	20.0					0.00
84.39083	41.0	84.0	85.0	45.0	19.0 - 10					0.14
84.39084	148.0	78.0	90.0	46.0	20.0					0.03
84.39085	11.0	60.0	99.0	41.0	15.0					0.01
84.39086	7.0	58.0	149.0	41.0	14.0					0.01
84.39087	16.0	73.0	75.0	46.0	14.0					0.01
84.39088	11.0	52.0	79.0	50.0	24.0					0.01
84.39089	13.0	49.0	37.0	28.0	16.0					0.01
84.39090	22.0	66.0	137.0	43.0	13.0					0.01
84.39091	10.0	53.0	44.0	36.0	12.0					0.01
84.39092	9.0	68.0	113.0	38.0	15.0					0.00
84.39093	35.0	100.0	132.0	47.0	15.0 - 20					0.00
84.39094	10.0	46.0	128.0	40.0	21.0					0.00
84.39095	9.0	64.0	88.0	33.0	19.0					0.04
84.39096	7.0	64.0	61.0	27.0	17.0					0.01
84.39097	195.0	810.0	112.0	43.0	20.0					0.06
84.39098	11.0	51.0	82.0	39.0	16.0					0.02
84.39099	44.0	66.0	80.0	40.0	16.0					0.00
84.39100	46.0	67.0	76.0	39.0	20.0		325-27			0.01

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

01-MAR-85
ANALYSOIJA: TR
TILAAJA: K MAKELA
LAATU: KAIRAUS
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39101	107.0	76.0	121.0	54.0	23.0		323-28			0.00
84.39102	26.0	60.0	232.0	38.0	20.0					0.00
84.39103	35.0	55.0	109.0	46.0	21.0 - 30					0.00
84.39104	16.0	33.0	67.0	15.0	12.0			-		0.01
84.39105	148.0	100.0	83.0	51.0	23.0					0.06
84.39106	46.0	50.0	79.0	35.0	21.0					0.01
84.39107	62.0	94.0	177.0	48.0	22.0					0.01
84.39108	57.0	100.0	173.0	52.0	15.0 - 35					0.01
84.39109	58.0	89.0	147.0	45.0	31.0					0.05
84.39110	74.0	96.0	124.0	40.0	25.0					0.02
84.39111	61.0	100.0	211.0	51.0	24.0					0.03
84.39112	53.0	93.0	137.0	33.0	31.0					0.00
84.39113	54.0	110.0	302.0	53.0	15.0					0.00
84.39114	63.0	102.0	158.0	50.0	25.0		325-41			0.09
84.39115	31.0	93.0	122.0	42.0	24.0		320-01			0.00
84.39116	59.0	98.0	186.0	42.0	26.0					0.00
84.39117	9.0	94.0	53.0	21.0	18.0					0.00
84.39118	30.0	93.0	103.0	25.0	21.0					0.00
84.39119	83.0	123.0	82.0	43.0	25.0					0.03
84.39120	58.0	100.0	71.0	28.0	20.0					0.03
84.39121	49.0	100.0	42.0	31.0	7.0					0.01
84.39122	63.0	134.0	99.0	39.0	7.0					0.19
84.39123	64.0	169.0	51.0	45.0	8.0					0.02
84.39124	90.0	106.0	68.0	33.0	10.0 - 10					1.38
84.39125	75.0	146.0	57.0	50.0	12.0					0.24
84.39126	67.0	105.0	68.0	46.0	12.0					0.04
84.39127	88.0	82.0	123.0	41.0	7.0					0.00
84.39128	50.0	77.0	71.0	40.0	11.0					0.01
84.39129	17.0	72.0	66.0	52.0	8.0					0.06
84.39130	71.0	107.0	91.0	44.0	5.0					0.01
84.39131	29.0	137.0	41.0	23.0	12.0					0.03
84.39132	19.0	136.0	23.0	20.0	4.0					0.24
84.39133	59.0	134.0	73.0	39.0	8.0					0.03
84.39134	59.0	118.0	131.0	45.0	12.0 - 20					0.05
84.39135	55.0	118.0	98.0	32.0	12.0					0.03
84.39136	74.0	92.0	116.0	36.0	10.0					0.08
84.39137	27.0	63.0	181.0	40.0	11.0					0.00
84.39138	44.0	74.0	114.0	33.0	10.0					0.00
84.39139	18.0	70.0	74.0	32.0	11.0					0.02
84.39140	59.0	67.0	98.0	40.0	8.0		320 - 26			0.05

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

20-MAR-85
ANALYSOIJA: MAL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39141	46.0	82.0	90.0	43.0	15.0		320-27			0.00
84.39142	63.0	87.0	71.0	42.0	13.0					0.00
84.39143	36.0	44.0	110.0	27.0	15.0					0.02
84.39144	17.0	92.0	163.0	30.0	13.0		-30			0.00
84.39145	45.0	100.0	151.0	39.0	8.0		255-01			0.00
84.39146	70.0	101.0	105.0	33.0	15.0					0.04
84.39147	52.0	91.0	309.0	51.0	4.0					0.03
84.39148	13.0	59.0	83.0	41.0	9.0					0.02
84.39149	20.0	71.0	114.0	39.0	13.0					0.02
84.39150	19.0	76.0	145.0	36.0	7.0					0.01
84.39151	13.0	88.0	178.0	39.0	12.0					0.01
84.39152	16.0	64.0	70.0	37.0	5.0					0.95
84.39153	14.0	50.0	98.0	38.0	13.0					0.02
84.39154	38.0	102.0	145.0	36.0	11.0 - 10					0.00
84.39155	48.0	95.0	196.0	39.0	12.0 -					0.03
84.39156	73.0	116.0	306.0	52.0	13.0					0.02
84.39157	63.0	95.0	186.0	43.0	7.0					0.02
84.39158	93.0	76.0	185.0	40.0	8.0					0.03
84.39159	50.0	95.0	187.0	44.0	10.0					0.01
84.39160	46.0	72.0	159.0	31.0	5.0					0.02
84.39161	23.0	158.0	41.0	16.0	5.0					0.00
84.39162	34.0	148.0	27.0	38.0	9.0					0.00
84.39163	26.0	87.0	26.0	29.0	15.0					0.01
84.39164	65.0	65.0	183.0	44.0	16.0 - 20					0.00
84.39165	58.0	88.0	61.0	37.0	14.0					0.02
84.39166	43.0	107.0	44.0	43.0	14.0					0.09
84.39167	46.0	122.0	126.0	40.0	16.0					0.02
84.39168	21.0	118.0	29.0	42.0	13.0					0.01
84.39169	30.0	110.0	113.0	46.0	16.0					0.00
84.39170	55.0	70.0	181.0	38.0	4.0					0.00
84.39171	60.0	93.0	126.0	42.0	9.0					0.01
84.39172	26.0	50.0	156.0	38.0	18.0		355-28			0.01
84.39173	55.0	79.0	120.0	37.0	21.0		260-01			0.01
84.39174	62.0	84.0	130.0	42.0	24.0					0.20
84.39175	33.0	109.0	220.0	53.0	12.0					0.00
84.39176	66.0	97.0	100.0	38.0	10.0					0.06
84.39177	60.0	102.0	98.0	40.0	16.0					0.03
84.39178	42.0	97.0	127.0	39.0	14.0					0.05
84.39179	63.0	88.0	127.0	35.0	17.0					0.01
84.39180	70.0	88.0	134.0	42.0	6.0					0.00
84.39181	54.0	101.0	140.0	44.0	14.0					0.00
84.39182	61.0	84.0	250.0	52.0	13.0 - 10					0.00
84.39183	68.0	99.0	276.0	50.0	10.0					0.01
84.39184	63.0	114.0	38.0	43.0	19.0					0.09
84.39185	74.0	78.0	66.0	35.0	22.0					0.05
84.39186	80.0	75.0	75.0	35.0	17.0					0.01
84.39187	67.0	81.0	81.0	38.0	20.0					0.00
84.39188	82.0	132.0	115.0	46.0	18.0		360-16			0.03

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

21-MAR-85
ANALYSOIJA: MAL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
							360-17			
84.39189	61.0	86.0	107.0	47.0	27.0					0.02
84.39190	35.0	74.0	57.0	31.0	25.0					0.58
84.39191	46.0	189.0	29.0	29.0	23.0					0.57
84.39192	304.0	74.0	74.0	42.0	32.0					0.02
84.39193	24.0	146.0	112.0	46.0	35.0					0.02
84.39194	26.0	105.0	66.0	44.0	31.0					0.19
84.39195	11.0	82.0	31.0	35.0	36.0					0.00
84.39196	14.0	66.0	40.0	23.0	33.0					0.05
84.39197	128.0	65.0	70.0	29.0	37.0					0.01
84.39198	34.0	70.0	74.0	34.0	42.0					0.56
84.39199	37.0	77.0	65.0	34.0	36.0					0.01
84.39200	22.0	68.0	82.0	48.0	41.0					0.01
84.39201	48.0	82.0	81.0	36.0	28.0					0.02
84.39202	172.0	70.0	80.0	44.0	39.0			~ 2%		0.02
84.39203	35.0	61.0	115.0	31.0	25.0					0.00
84.39204	38.0	74.0	120.0	35.0	38.0					0.00
84.39205	56.0	91.0	144.0	40.0	46.0					0.00
84.39206	58.0	82.0	149.0	38.0	50.0					0.01
84.39207	52.0	83.0	264.0	49.0	48.0					0.02
84.39208	57.0	91.0	128.0	38.0	51.0					0.00
84.39209	135.0	95.0	101.0	48.0	17.0					0.02
84.39210	77.0	81.0	126.0	38.0	17.0					0.03
84.39211	77.0	81.0	112.0	44.0	6.0					0.04
84.39212	72.0	89.0	132.0	40.0	18.0			~4%		0.01
84.39213	43.0	76.0	142.0	37.0	18.0					0.01
84.39214	65.0	93.0	147.0	40.0	14.0					0.01
84.39215	69.0	78.0	203.0	43.0	13.0					0.03
84.39216	79.0	76.0	157.0	38.0	21.0					0.02
84.39217	69.0	77.0	220.0	48.0	16.0					0.03
84.39218	35.0	104.0	42.0	38.0	19.0					0.05
84.39219	19.0	111.0	37.0	32.0	15.0					0.06
84.39220	34.0	95.0	34.0	22.0	18.0		360-48			0.07

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

29-MAR-85
ANALYSOIJA: AH
TILAAJA: K MAKELA
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39221	61.0	83.0	34.0	36.0	24.0		360-49			0.05
84.39222	3.0	48.0	16.0	0.0	29.0					0.00
84.39223	83.0	100.0	115.0	46.0	21.0					0.00
84.39224	8.0	42.0	27.0	5.0	25.0					0.00
84.39225	29.0	77.0	117.0	34.0	24.0					0.01
84.39226	34.0	91.0	79.0	33.0	16.0		360-54			0.01
84.39227	57.0	102.0	145.0	38.0	28.0		365-01			0.00
84.39228	44.0	78.0	170.0	41.0	26.0					0.01
84.39229	48.0	82.0	142.0	36.0	18.0					0.00
84.39230	49.0	58.0	133.0	32.0	24.0					0.00
84.39231	47.0	83.0	132.0	40.0	27.0					0.00
84.39232	51.0	89.0	80.0	32.0	17.0					0.00
84.39233	8.0	220.0	171.0	36.0	20.0					0.00
84.39234	76.0	80.0	202.0	34.0	24.0					0.03
84.39235	48.0	57.0	170.0	20.0	23.0					0.00
84.39236	28.0	114.0	53.0	21.0	26.0		365-10			0.09
84.39237	60.0	86.0	85.0	39.0	24.0					0.09
84.39238	41.0	81.0	72.0	32.0	18.0					0.00
84.39239	42.0	87.0	63.0	31.0	22.0					0.00
84.39240	54.0	79.0	83.0	26.0	22.0					0.01
84.39241	73.0	73.0	116.0	45.0	28.0					0.00
84.39242	76.0	101.0	68.0	45.0	19.0					0.02
84.39243	74.0	104.0	78.0	47.0	24.0					0.10
84.39244	58.0	84.0	65.0	34.0	20.0					0.09
84.39245	71.0	54.0	69.0	44.0	18.0					0.11
84.39246	71.0	80.0	87.0	34.0	27.0		365-20			0.00
84.39247	11.0	51.0	81.0	36.0	26.0					0.00
84.39248	6.0	43.0	69.0	41.0	16.0					0.00
84.39249	10.0	51.0	104.0	34.0	21.0					0.01
84.39250	11.0	31.0	53.0	31.0	19.0					0.00
84.39251	6.0	18.0	35.0	13.0	15.0					0.00
84.39252	10.0	23.0	43.0	24.0	16.0					0.00
84.39253	10.0	43.0	67.0	41.0	19.0					0.00
84.39254	133.0	80.0	107.0	38.0	19.0					0.01
84.39255	40.0	31.0	87.0	29.0	20.0					0.01
84.39256	47.0	76.0	189.0	38.0	24.0		365-30			0.12
84.39257	60.0	72.0	131.0	33.0	14.0					0.02
84.39258	70.0	81.0	155.0	36.0	19.0					0.00
84.39259	104.0	104.0	115.0	43.0	22.0					0.01
84.39260	57.0	81.0	176.0	36.0	22.0					0.00
84.39261	53.0	82.0	122.0	34.0	23.0					0.01
84.39262	62.0	80.0	121.0	32.0	26.0					0.07
84.39263	51.0	80.0	126.0	35.0	29.0					0.00
84.39264	55.0	80.0	112.0	33.0	23.0					0.46
84.39265	66.0	76.0	122.0	30.0	21.0					0.11
84.39266	61.0	82.0	144.0	30.0	19.0					0.00
84.39267	58.0	86.0	141.0	31.0	16.0					0.01
84.39268	47.0	74.0	138.0	29.0	21.0		365-42			0.00

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

29-MAR-85
ANALYSOIJA: AH
TILAAJA: K MAKELA
LAATU: KIVI
ALUE: NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39269	63.0	94.0	157.0	45.0	9.0		365-43			0.01
84.39270	75.0	70.0	162.0	47.0	18.0					0.00
84.39271	48.0	77.0	146.0	45.0	17.0					0.00
84.39272	52.0	71.0	135.0	35.0	16.0					0.00
84.39273	52.0	82.0	265.0	48.0	8.0					0.01
84.39274	38.0	84.0	33.0	22.0	6.0					0.01
84.39275	51.0	122.0	46.0	61.0	10.0					0.32
84.39276	41.0	107.0	45.0	34.0	15.0	- 50				0.01
84.39277	113.0	87.0	37.0	17.0	64.0					0.18
84.39278	18.0	95.0	38.0	25.0	13.0					0.10
84.39279	52.0	101.0	174.0	41.0	9.0					0.04
84.39280	31.0	113.0	48.0	36.0	12.0					0.23
84.39281	10.0	105.0	46.0	18.0	11.0					0.01
84.39282	40.0	84.0	51.0	16.0	15.0					0.07
84.39283	78.0	92.0	91.0	47.0	9.0					0.00
84.39284	30.0	85.0	48.0	24.0	13.0					0.06
84.39285	30.0	89.0	101.0	36.0	6.0					0.00
84.39286	55.0	103.0	90.0	35.0	10.0					2.00
84.39287	9.0	44.0	66.0	32.0	6.0		365-62			0.00
84.39288	64.0	52.0	155.0	30.0	10.0					0.02
84.39289	67.0	109.0	73.0	43.0	17.0		370-1			0.13
84.39290	41.0	88.0	135.0	44.0	17.0					0.01
84.39291	44.0	80.0	56.0	30.0	17.0					0.00
84.39292	45.0	81.0	52.0	29.0	20.0					0.00
84.39293	55.0	84.0	102.0	40.0	20.0					0.06
84.39294	39.0	87.0	80.0	38.0	15.0					0.00
84.39295	30.0	96.0	185.0	41.0	23.0					0.01
84.39296	65.0	86.0	48.0	46.0	30.0					0.73
84.39297	76.0	101.0	31.0	31.0	17.0					0.01
84.39298	107.0	264.0	31.0	42.0	22.0					0.64
84.39299	120.0	1000.0	27.0	29.0	19.0		370-12			0.59
84.39300	35.0	100.0	35.0	34.0	15.0					0.00

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

02-APR-85
ANALYSOIJA: TR
TILAAJA: K MAKELA
LAATU: KAIRAUS
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39301	28.0	25.0	25.0	39.0	16.0		370-13			0.00
84.39302	173.0	48.0	35.0	71.0	22.0					1.15
84.39303	17.0	45.0	61.0	43.0	18.0					0.01
84.39304	17.0	57.0	47.0	34.0	22.0					0.01
84.39305	12.0	38.0	58.0	43.0	19.0					0.00
84.39306	12.0	53.0	38.0	44.0	21.0					0.01
84.39307	10.0	31.0	19.0	20.0	17.0					0.01
84.39308	10.0	28.0	33.0	27.0	13.0 -		370-21			0.03
84.39309	15.0	35.0	129.0	35.0	14.0					0.00
84.39310	50.0	44.0	72.0	25.0	22.0					0.00
84.39311	19.0	26.0	73.0	22.0	21.0					0.01
84.39312	15.0	50.0	60.0	38.0	16.0					0.00
84.39313	72.0	67.0	143.0	42.0	13.0					0.02
84.39314	10.0	35.0	71.0	27.0	14.0					0.01
84.39315	44.0	45.0	131.0	38.0	14.0					0.00
84.39316	74.0	44.0	103.0	37.0	13.0					0.01
84.39317	16.0	32.0	73.0	22.0	17.0					0.00
84.39318	36.0	63.0	82.0	36.0	15.0 -		370-30			0.01
84.39319	52.0	82.0	142.0	40.0	16.0 -		-31			0.01
84.39320	54.0	68.0	139.0	44.0	20.0 -		-32 (13 näytettä)			0.04
84.39321	56.0	81.0	142.0	37.0	17.0 -		-34			0.09
84.39322	56.0	96.0	447.0	59.0	13.0					0.00
84.39323	80.0	64.0	123.0	34.0	15.0					0.04
84.39324	71.0	60.0	76.0	34.0	17.0					0.13
84.39325	65.0	102.0	142.0	42.0	18.0					0.01
84.39326	44.0	148.0	102.0	66.0	17.0					0.00
84.39327	77.0	82.0	86.0	37.0	24.0 -		370-40			0.00
84.39328	85.0	88.0	91.0	39.0	18.0					0.06
84.39329	36.0	97.0	93.0	42.0	14.0					0.00
84.39330	36.0	101.0	28.0	25.0	14.0					0.00
84.39331	50.0	86.0	95.0	31.0	15.0					0.01
84.39332	40.0	116.0	43.0	31.0	11.0					0.08
84.39333	79.0	107.0	61.0	39.0	18.0					0.10
84.39334	14.0	108.0	102.0	29.0	18.0					0.00
84.39335	46.0	115.0	31.0	29.0	16.0					0.05
84.39336	32.0	116.0	31.0	25.0	11.0					0.01
84.39337	16.0	88.0	28.0	4.0	15.0 -		370-50			0.01
84.39338	49.0	103.0	90.0	34.0	19.0					0.00
84.39339	35.0	79.0	69.0	24.0	17.0					0.01
84.39340	80.0	110.0	79.0	34.0	17.0					0.00
84.39341	68.0	96.0	86.0	34.0	18.0					0.01
84.39342	61.0	88.0	46.0	25.0	17.0					1.43
84.39343	49.0	77.0	69.0	24.0	24.0					0.15
84.39344	69.0	120.0	94.0	31.0	10.0					0.00
84.39345	33.0	108.0	106.0	19.0	27.0 -		370-59			0.03
84.39346	42.0	126.0	352.0	51.0	22.0		375-61			0.00
84.39347	51.0	93.0	104.0	25.0	14.0		-62			0.01
84.39348	55.0	100.0	113.0	30.0	16.0		375-63			0.01

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

02-APR-85
ANALYSOIJA: TR
TILAAJA: K MAKELA
LAATU: KAIRAUS
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39349	49.0	90.0	106.0	41.0	15.0		375-04			0.01
84.39350	37.0	104.0	111.0	53.0	19.0					0.01
84.39351	45.0	94.0	126.0	41.0	19.0					0.03
84.39352	29.0	71.0	288.0	37.0	14.0					0.01
84.39353	50.0	99.0	56.0	39.0	16.0		375-8	(-9 näytettä)		0.01
84.39354	49.0	84.0	53.0	38.0	10.0		375-10			0.08
84.39355	98.0	87.0	77.0	47.0	13.0					0.00
84.39356	22.0	93.0	74.0	34.0	15.0					0.02
84.39357	12.0	64.0	94.0	38.0	14.0					0.00
84.39358	29.0	71.0	79.0	50.0	7.0					0.03
84.39359	20.0	44.0	78.0	36.0	16.0					0.04
84.39360	11.0	72.0	126.0	51.0	8.0					0.00
84.39361	16.0	50.0	88.0	40.0	12.0					0.01
84.39362	12.0	35.0	90.0	43.0	16.0					0.00
84.39363	15.0	51.0	130.0	43.0	10.0					0.00
84.39364	98.0	36.0	48.0	32.0	7.0		375-20			0.00
84.39365	11.0	49.0	116.0	44.0	10.0					0.01
84.39366	10.0	43.0	82.0	37.0	9.0					0.01
84.39367	12.0	27.0	79.0	28.0	9.0					0.00
84.39368	16.0	52.0	120.0	43.0	13.0					0.01
84.39369	11.0	38.0	51.0	35.0	7.0					0.00
84.39370	70.0	98.0	107.0	24.0	25.0					0.16
84.39371	9.0	57.0	105.0	40.0	11.0					0.01
84.39372	7.0	27.0	16.0	14.0	9.0					0.03
84.39373	77.0	63.0	87.0	43.0	15.0					0.02
84.39374	29.0	49.0	74.0	35.0	9.0		375-30			0.02
84.39375	13.0	54.0	68.0	33.0	14.0					0.02
84.39376	12.0	33.0	101.0	31.0	14.0					0.00
84.39377	9.0	39.0	31.0	24.0	9.0					0.03
84.39378	25.0	77.0	53.0	45.0	12.0					0.05
84.39379	38.0	66.0	77.0	47.0	15.0					0.03
84.39380	54.0	87.0	123.0	36.0	11.0		375-36			0.00

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

03-APR-85
ANALYSOIJA: TR
TILAAJA: K MAKELA
LAATU: KAIRAUS
ALUE: LOKKEN

ATOMIAABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39381	39.0	91.0	105.0	45.0	39.0		375-37			0.09
84.39382	60.0	94.0	126.0	45.0	22.0					0.01
84.39383	11.0	96.0	92.0	33.0	16.0					0.01
84.39384	46.0	88.0	82.0	44.0	13.0					0.01
84.39385	50.0	81.0	230.0	50.0	13.0					0.02
84.39386	60.0	96.0	112.0	41.0	6.0					0.03
84.39387	81.0	96.0	79.0	48.0	8.0					0.01
84.39388	59.0	84.0	92.0	41.0	11.0					0.00
84.39389	17.0	101.0	58.0	77.0	16.0					0.02
84.39390	36.0	113.0	30.0	36.0	7.0					0.04
84.39391	20.0	116.0	102.0	37.0	7.0					0.02
84.39392	16.0	74.0	24.0	27.0	3.0					0.02
84.39393	52.0	81.0	59.0	38.0	13.0					0.14
84.39394	55.0	99.0	76.0	40.0	0.0	-	375-50			0.04
84.39395	122.0	114.0	71.0	48.0	3.0					0.02
84.39396	39.0	69.0	54.0	27.0	6.0					0.03
84.39397	42.0	102.0	123.0	44.0	3.0					0.04
84.39398	32.0	99.0	127.0	6.0	4.0		375-54			0.07
84.39399	55.0	109.0	164.0	26.0	7.0		380-1			0.00
84.39400	54.0	86.0	96.0	15.0	0.0					0.01
84.39401	55.0	114.0	122.0	64.0	13.0					0.00
84.39402	34.0	92.0	131.0	45.0	10.0					0.01
84.39403	52.0	93.0	177.0	39.0	10.0					0.00
84.39404	53.0	123.0	40.0	41.0	14.0					0.02
84.39405	25.0	153.0	18.0	44.0	5.0					0.09
84.39406	71.0	106.0	62.0	48.0	10.0					0.05
84.39407	5.0	64.0	63.0	33.0	10.0					0.00
84.39408	5.0	253.0	56.0	43.0	13.0	-	-10			0.00
84.39409	13.0	103.0	69.0	40.0	7.0					0.02
84.39410	6.0	81.0	97.0	50.0	7.0					0.00
84.39411	6.0	135.0	69.0	54.0	12.0					0.00
84.39412	59.0	68.0	38.0	32.0	13.0					0.06
84.39413	10.0	75.0	64.0	39.0	14.0					0.00
84.39414	24.0	57.0	81.0	41.0	4.0					0.00
84.39415	57.0	66.0	77.0	35.0	8.0					0.03
84.39416	17.0	46.0	71.0	45.0	10.0					0.01
84.39417	17.0	61.0	76.0	34.0	6.0					0.00
84.39418	18.0	74.0	101.0	30.0	9.0	-	-20			0.01
84.39419	20.0	61.0	48.0	27.0	9.0					0.00
84.39420	10.0	89.0	86.0	36.0	14.0					0.04
84.39421	7.0	55.0	92.0	42.0	14.0					0.00
84.39422	6.0	56.0	34.0	36.0	6.0					0.31
84.39423	8.0	55.0	44.0	36.0	5.0					0.02
84.39424	24.0	67.0	96.0	41.0	11.0					0.02
84.39425	18.0	51.0	110.0	39.0	12.0					0.01
84.39426	25.0	56.0	107.0	43.0	6.0					0.01
84.39427	6.0	43.0	90.0	35.0	4.0					0.03
84.39428	39.0	57.0	86.0	29.0	12.0		380-20			0.09

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

03-APR-85
ANALYSOIJA: TR
TILAAJA: K MAKELA
LAATU: KAIRAUS
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39429	80.0	53.0	86.0	56.0	23.0		380-21			0.02
84.39430	105.0	87.0	85.0	53.0	11.0		-32			0.03
84.39431	76.0	78.0	200.0	48.0	14.0		-34	(-33 mangler)		0.04
84.39432	60.0	98.0	108.0	46.0	0.0					0.04
84.39433	57.0	81.0	65.0	43.0	9.0					0.03
84.39434	104.0	87.0	75.0	49.0	1.0					0.07
84.39435	93.0	80.0	82.0	48.0	5.0					0.04
84.39436	82.0	66.0	162.0	49.0	3.0					0.00
84.39437	23.0	76.0	64.0	43.0	0.0	-	-40			0.00
84.39438	55.0	73.0	58.0	47.0	0.0					0.01
84.39439	47.0	80.0	105.0	45.0	0.0					0.00
84.39440	69.0	93.0	55.0	47.0	0.0					0.01
84.39441	62.0	77.0	69.0	43.0	0.0					0.00
84.39442	55.0	90.0	123.0	46.0	0.0					0.04
84.39443	53.0	106.0	118.0	47.0	0.0		380-46			0.09
84.39444	69.0	82.0	149.0	50.0	0.0		385-1			0.01
84.39445	19.0	87.0	135.0	47.0	0.0					0.02
84.39446	71.0	73.0	195.0	19.0	0.0					0.00
84.39447	31.0	101.0	57.0	13.0	4.0					0.19
84.39448	58.0	76.0	189.0	19.0	0.0					0.00
84.39449	49.0	102.0	36.0	44.0	28.0					0.03
84.39450	30.0	148.0	16.0	49.0	12.0					0.20
84.39451	57.0	78.0	40.0	38.0	17.0					0.60
84.39452	22.0	133.0	23.0	39.0	12.0					0.76
84.39453	18.0	90.0	31.0	28.0	21.0	-	-10			0.15
84.39454	92.0	1090.0	95.0	45.0	13.0					0.29
84.39455	106.0	65.0	80.0	60.0	9.0					0.09
84.39456	25.0	47.0	67.0	33.0	15.0					0.06
84.39457	24.0	62.0	32.0	23.0	19.0					0.05
84.39458	83.0	53.0	78.0	46.0	12.0					0.22
84.39459	716.0	98.0	76.0	43.0	8.0					0.03
84.39460	227.0	94.0	42.0	48.0	15.0		385-17			3.03

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

11-APR-85
ANALYSOIJA: HV
TILAAJA: K.MAKELA
LAATU: KAIRAUS
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39461	125.0	135.0	59.0	42.0	15.0		385-18			0.21
84.39462	12.0	118.0	85.0	45.0	12.0					0.01
84.39463	29.0	103.0	29.0	33.0	7.0					0.17
84.39464	38.0	79.0	86.0	43.0	9.0					0.10
84.39465	69.0	84.0	79.0	46.0	10.0					0.24
84.39466	18.0	75.0	47.0	33.0	5.0					0.01
84.39467	82.0	129.0	78.0	49.0	12.0					0.15
84.39468	88.0	101.0	135.0	44.0	21.0					0.22
84.39469	156.0	92.0	82.0	44.0	10.0					0.08
84.39470	63.0	93.0	102.0	37.0	12.0					0.01
84.39471	5.0	62.0	86.0	32.0	5.0					0.01
84.39472	6.0	32.0	36.0	23.0	3.0					0.04
84.39473	38.0	75.0	116.0	37.0	13.0		- 30			0.00
84.39474	74.0	111.0	100.0	42.0	15.0					0.13
84.39475	59.0	120.0	209.0	50.0	4.0					0.01
84.39476	46.0	95.0	87.0	25.0	9.0					0.01
84.39477	60.0	80.0	153.0	28.0	6.0					0.03
84.39478	60.0	87.0	108.0	31.0	8.0					0.01
84.39479	66.0	95.0	54.0	16.0	8.0					0.63
84.39480	42.0	90.0	186.0	30.0	7.0					0.01
84.39481	56.0	128.0	221.0	47.0	20.0					0.01
84.39482	59.0	101.0	301.0	54.0	34.0					0.01
84.39483	38.0	152.0	18.0	38.0	26.0		- 40			0.05
84.39484	53.0	131.0	29.0	49.0	25.0					0.00
84.39485	32.0	121.0	34.0	23.0	20.0					0.01
84.39486	47.0	65.0	45.0	20.0	25.0					0.01
84.39487	43.0	132.0	31.0	31.0	22.0					0.03
84.39488	52.0	75.0	62.0	26.0	18.0					0.08
84.39489	44.0	122.0	40.0	32.0	22.0					0.01
84.39490	22.0	89.0	23.0	17.0	21.0					0.09
84.39491	5.0	31.0	24.0	0.0	16.0					0.01
84.39492	61.0	102.0	64.0	35.0	24.0					0.01
84.39493	72.0	98.0	73.0	36.0	22.0		-50			0.01
84.39494	80.0	81.0	76.0	25.0	28.0					0.03
84.39495	68.0	100.0	65.0	28.0	31.0					0.00
84.39496	65.0	106.0	72.0	33.0	33.0					0.03
84.39497	42.0	80.0	80.0	23.0	33.0					0.00
84.39498	92.0	98.0	74.0	27.0	31.0					0.01
84.39499	78.0	92.0	97.0	27.0	26.0					0.02
84.39500	57.0	84.0	114.0	17.0	28.0		385-57			0.06
84.39501	28.0	91.0	91.0	16.0	25.0		390-1			0.01
84.39502	60.0	135.0	33.0	24.0	22.0					0.01
84.39503	48.0	95.0	52.0	13.0	28.0					0.05
84.39504	24.0	97.0	34.0	10.0	28.0					0.05
84.39505	51.0	101.0	86.0	16.0	24.0					0.05
84.39506	66.0	101.0	80.0	22.0	22.0					0.16
84.39507	73.0	69.0	84.0	15.0	32.0					0.03
84.39508	90.0	120.0	109.0	27.0	21.0		390-8			0.00

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

11-APR-85
ANALYSOIJA: HV
TILAAJA: K.MÄKELA
LAATU: KAIRAUS
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39508	110.0	99.0	77.0	47.0	19.0		390-9			0.12
84.39510	69.0	121.0	62.0	43.0	12.0					0.00
84.39511	24.0	110.0	40.0	25.0	15.0					0.01
84.39512	56.0	100.0	32.0	34.0	21.0					0.48
84.39513	46.0	121.0	44.0	36.0	15.0					0.18
84.39514	35.0	101.0	86.0	43.0	10.0					0.00
84.39515	49.0	106.0	35.0	34.0	11.0					0.07
84.39516	76.0	105.0	62.0	45.0	19.0					0.07
84.39517	55.0	91.0	47.0	38.0	8.0					0.22
84.39518	45.0	108.0	42.0	31.0	15.0					0.01
84.39519	82.0	96.0	90.0	42.0	8.0		-20			0.01
84.39520	48.0	101.0	126.0	39.0	8.0					0.01
84.39521	75.0	92.0	117.0	40.0	15.0					0.02
84.39522	40.0	108.0	69.0	33.0	13.0					0.09
84.39523	74.0	110.0	89.0	41.0	16.0	-23	(24 mangles)			0.13
84.39524	49.0	96.0	131.0	35.0	11.0	-25				0.02
84.39525	57.0	92.0	232.0	39.0	13.0	-26				0.01
84.39526	58.0	95.0	181.0	45.0	10.0	-27	(26 mangles)			0.01
84.39527	19.0	66.0	87.0	18.0	18.0	-29				0.01
84.39528	32.0	93.0	202.0	45.0	14.0	-30				0.02
84.39529	68.0	131.0	88.0	38.0	8.0					0.02
84.39530	45.0	72.0	153.0	40.0	19.0					0.10
84.39531	48.0	108.0	162.0	45.0	29.0					0.01
84.39532	61.0	90.0	46.0	38.0	22.0					0.02
84.39533	41.0	127.0	14.0	27.0	21.0					0.08
84.39534	25.0	104.0	18.0	30.0	19.0					0.21
84.39535	62.0	133.0	179.0	42.0	18.0					0.00
84.39536	43.0	79.0	36.0	28.0	15.0					0.06
84.39537	10.0	52.0	17.0	4.0	31.0					0.03
84.39538	82.0	94.0	87.0	43.0	22.0	-40				0.05
84.39539	75.0	93.0	72.0	45.0	17.0					0.04
84.39540	57.0	102.0	62.0	28.0	20.0		390-12			0.01

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

12-APR-85
ANALYSOIJA: HV
TILAAJA: K.MAKELA
LAATU: KAIRAUS
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39541	80.0	115.0	94.0	48.0	11.0		370-43			0.00
84.39542	78.0	111.0	64.0	45.0	13.0					0.12
84.39543	48.0	93.0	72.0	37.0	13.0					0.02
84.39544	72.0	78.0	71.0	37.0	11.0					0.00
84.39545	32.0	58.0	67.0	28.0	13.0					0.01
84.39546	72.0	91.0	143.0	45.0	12.0		370-42			0.06
84.39547	45.0	72.0	182.0	38.0	13.0		395-1			0.04
84.39548	28.0	77.0	80.0	37.0	6.0					0.00
84.39549	130.0	97.0	30.0	27.0	16.0					0.09
84.39550	45.0	83.0	66.0	36.0	6.0					0.00
84.39551	37.0	95.0	33.0	31.0	7.0					0.02
84.39552	34.0	72.0	34.0	25.0	5.0					0.00
84.39553	73.0	71.0	56.0	32.0	10.0					0.00
84.39554	80.0	87.0	87.0	36.0	8.0					0.06
84.39555	25.0	113.0	40.0	21.0	10.0					0.01
84.39556	74.0	90.0	84.0	33.0	11.0	-10				0.05
84.39557	84.0	82.0	93.0	40.0	6.0					0.00
84.39558	130.0	118.0	38.0	36.0	2.0					0.10
84.39559	61.0	96.0	55.0	36.0	5.0					0.15
84.39560	100.0	89.0	71.0	39.0	11.0					0.01
84.39561	48.0	89.0	33.0	38.0	3.0					0.36
84.39562	87.0	91.0	105.0	46.0	12.0					0.00
84.39563	91.0	75.0	106.0	46.0	21.0					0.00
84.39564	71.0	88.0	86.0	42.0	25.0					0.10
84.39565	59.0	68.0	241.0	43.0	18.0					0.03
84.39566	65.0	102.0	75.0	40.0	19.0	-20				0.07
84.39567	14.0	27.0	26.0	4.0	16.0					0.02
84.39568	61.0	92.0	226.0	49.0	22.0					0.00
84.39569	80.0	92.0	159.0	40.0	14.0					0.00
84.39570	85.0	83.0	98.0	41.0	27.0					0.03
84.39571	54.0	66.0	191.0	38.0	22.0					0.00
84.39572	14.0	70.0	261.0	48.0	22.0					0.00
84.39573	57.0	94.0	143.0	32.0	21.0					0.03
84.39574	41.0	70.0	148.0	34.0	19.0					0.00
84.39575	47.0	80.0	603.0	60.0	17.0					0.00
84.39576	79.0	80.0	67.0	33.0	25.0	- 30				0.01
84.39577	35.0	129.0	28.0	21.0	13.0					0.02
84.39578	94.0	75.0	99.0	32.0	14.0					0.13
84.39579	41.0	75.0	126.0	32.0	21.0					0.01
84.39580	25.0	93.0	27.0	18.0	20.0		4			0.03

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

15-APR-85
ANALYSOIJA: JO
TILAAJA: K.MAKELA
LAATU: KAIRAUS
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39581	68.0	118.0	81.0	54.0	11.0					0.00
84.39582	62.0	108.0	56.0	50.0	12.0					0.05
84.39583	27.0	136.0	37.0	53.0	15.0					0.07
84.39584	22.0	84.0	27.0	33.0	14.0					0.15
84.39585	60.0	120.0	170.0	62.0	18.0					0.00
84.39586	52.0	82.0	80.0	46.0	11.0					0.06
84.39587	77.0	85.0	88.0	51.0	13.0					0.03
84.39588	47.0	120.0	34.0	38.0	11.0					0.02
84.39589	89.0	82.0	70.0	48.0	17.0					0.05
84.39590	38.0	109.0	34.0	48.0	15.0					0.05
84.39591	96.0	85.0	95.0	51.0	17.0					0.03
84.39592	32.0	88.0	33.0	31.0	11.0					0.27
84.39593	33.0	118.0	45.0	38.0	12.0					0.07
84.39594	50.0	96.0	70.0	48.0	10.0					0.05
84.39595	74.0	89.0	91.0	46.0	10.0					0.31
84.39596	46.0	120.0	78.0	50.0	14.0					0.08
84.39597	53.0	104.0	185.0	47.0	12.0					0.05
84.39598	59.0	98.0	100.0	44.0	10.0					0.04
84.39599	40.0	80.0	60.0	56.0	14.0					0.01
84.39600	51.0	144.0	46.0	45.0	14.0					0.00
84.39601	52.0	137.0	25.0	38.0	16.0					0.09
84.39602	79.0	81.0	91.0	40.0	21.0					0.01
84.39603	53.0	98.0	50.0	45.0	8.0					0.04
84.39604	34.0	89.0	30.0	27.0	12.0					0.21
84.39605	15.0	148.0	26.0	39.0	17.0					0.07
84.39606	45.0	106.0	59.0	39.0	16.0					0.02
84.39607	35.0	90.0	60.0	28.0	16.0					0.01
84.39608	85.0	84.0	87.0	45.0	11.0					0.01
84.39609	75.0	100.0	312.0	48.0	15.0					0.01
84.39610	10.0	49.0	18.0	0.0	22.0					0.01
84.39611	27.0	102.0	47.0	36.0	11.0					0.03
84.39612	7.0	90.0	45.0	18.0	15.0					0.10
84.39613	86.0	82.0	195.0	38.0	16.0					0.00
84.39614	62.0	88.0	104.0	25.0	15.0					0.05
84.39615	16.0	542.0	189.0	30.0	12.0					0.02
84.39616	19.0	114.0	58.0	28.0	14.0					0.00
84.39617	65.0	81.0	82.0	30.0	24.0					0.03
84.39618	45.0	116.0	50.0	26.0	21.0					0.04
84.39619	30.0	106.0	34.0	14.0	12.0					0.01
84.39620	14.0	126.0	28.0	0.0	14.0					0.02

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

18-APR-85
ANALYSOIJA: JO
TILAAJA: K.MAKELA
LAATU: KAIRAUS
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39621	75.0	144.0	44.0	41.0	11.0		405-9			0.07
84.39622	80.0	111.0	46.0	53.0	6.0					0.02
84.39623	78.0	109.0	54.0	59.0	6.0					0.03
84.39624	61.0	85.0	129.0	53.0	5.0					0.06
84.39625	62.0	87.0	61.0	52.0	6.0					0.09
84.39626	69.0	113.0	95.0	48.0	3.0					0.02
84.39627	57.0	89.0	181.0	56.0	4.0					0.03
84.39628	47.0	91.0	123.0	49.0	3.0					0.01
84.39629	50.0	87.0	160.0	47.0	3.0					0.03
84.39630	50.0	98.0	180.0	52.0	3.0					0.01
84.39631	57.0	81.0	86.0	52.0	0.0					0.00
84.39632	67.0	92.0	165.0	73.0	5.0	-20				0.00
84.39633	8.0	40.0	29.0	16.0	0.0					0.00
84.39634	71.0	80.0	150.0	48.0	4.0					0.01
84.39635	66.0	76.0	211.0	51.0	0.0					0.01
84.39636	39.0	76.0	187.0	45.0	3.0					0.00
84.39637	49.0	78.0	357.0	60.0	3.0					0.01
84.39638	93.0	97.0	77.0	57.0	2.0					0.03
84.39639	80.0	96.0	70.0	54.0	0.0					0.05
84.39640	72.0	119.0	86.0	48.0	0.0					0.00
84.39641	85.0	159.0	52.0	52.0	16.0					0.08
84.39642	17.0	60.0	23.0	9.0	9.0	-90				0.01
84.39643	29.0	92.0	24.0	32.0	11.0					0.11
84.39644	64.0	90.0	49.0	42.0	12.0					0.00
84.39645	74.0	113.0	54.0	48.0	13.0					0.13
84.39646	27.0	104.0	43.0	34.0	17.0					0.01
84.39647	24.0	120.0	28.0	32.0	14.0					0.08
84.39648	26.0	108.0	26.0	39.0	14.0					0.13
84.39649	25.0	107.0	29.0	31.0	13.0					0.17
84.39650	46.0	76.0	71.0	30.0	14.0					0.03
84.39651	61.0	126.0	93.0	50.0	12.0					0.02
84.39652	46.0	107.0	43.0	35.0	12.0	-90				0.03
84.39653	25.0	102.0	95.0	44.0	14.0					0.00
84.39654	39.0	90.0	75.0	43.0	17.0					0.02
84.39655	52.0	121.0	58.0	41.0	13.0					0.06
84.39656	86.0	97.0	70.0	44.0	13.0					
84.39657	51.0	93.0	69.0	38.0	11.0					
84.39658	73.0	103.0	60.0	42.0	13.0					
84.39659	80.0	111.0	60.0	44.0	12.0					
84.39660	98.0	94.0	69.0	39.0	17.0					
84.39661	69.0	109.0	71.0	39.0	14.0					
84.39662	76.0	111.0	80.0	46.0	15.0	-50				
84.39663	90.0	101.0	83.0	39.0	18.0					
84.39664	70.0	101.0	79.0	43.0	15.0					
84.39665	86.0	86.0	76.0	40.0	13.0					
84.39666	86.0	78.0	86.0	33.0	11.0					
84.39667	30.0	98.0	47.0	3.0	14.0					
84.39668	66.0	124.0	302.0	52.0	20.0					

405-53
410-1
410-3
osa nikkeli-tuloksista

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

28-APR-85
ANALYSOIJA: JO
TILAAJA: K.MAKELA
LAATU: KAIRAUS
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39668	83.0	93.0	75.0	44.0	9.0					
84.39670	54.0	115.0	54.0	42.0	4.0					
84.39671	83.0	91.0	89.0	40.0	9.0					
84.39672	89.0	95.0	92.0	44.0	13.0					
84.39673	21.0	107.0	37.0	17.0	0.0					
84.39674	42.0	91.0	224.0	46.0	2.0					
84.39675	24.0	85.0	202.0	31.0	0.0	-10				
84.39676	75.0	60.0	320.0	45.0	8.0					
84.39677	96.0	77.0	242.0	60.0	1.0					
84.39678	88.0	88.0	144.0	42.0	5.0					
84.39679	70.0	78.0	154.0	33.0	1.0					
84.39680	75.0	100.0	113.0	48.0	3.0					
84.39681	69.0	73.0	85.0	32.0	4.0					
84.39682	57.0	72.0	77.0	29.0	1.0					
84.39683	68.0	63.0	88.0	29.0	2.0					
84.39684	56.0	146.0	46.0	38.0	1.0					
84.39685	42.0	110.0	40.0	29.0	0.0	-20				
84.39686	63.0	108.0	92.0	43.0	0.0					
84.39687	29.0	112.0	44.0	33.0	0.0					
84.39688	81.0	89.0	76.0	38.0	2.0					
84.39689	45.0	77.0	38.0	30.0	8.0					
84.39690	71.0	94.0	54.0	46.0	8.0					
84.39691	9.0	62.0	18.0	7.0	14.0					
84.39692	62.0	112.0	79.0	47.0	9.0					
84.39693	24.0	131.0	22.0	43.0	14.0					
84.39694	77.0	109.0	49.0	51.0	22.0					
84.39695	88.0	96.0	58.0	44.0	20.0	-30				
84.39696	71.0	117.0	68.0	48.0	17.0	-31				
84.39697	80.0	76.0	92.0	41.0	14.0	-33				
84.39698	82.0	105.0	77.0	50.0	16.0					
84.39699	81.0	88.0	131.0	45.0	13.0					
84.39700	78.0	96.0	73.0	42.0	19.0					

4/10 - 4

32 näytettä

4/10 - 36

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

22-APR-85
ANALYSOIJA: TL
TILAAJA: R.MAKELA
LAATU: KIVI
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39701	75.0	106.0	59.0	48.0	13.0		Y10 - 37			0.00
84.39702	71.0	101.0	62.0	45.0	14.0					0.00
84.39703	89.0	88.0	81.0	44.0	13.0					0.00
84.39704	92.0	80.0	112.0	40.0	14.0		Y10 - 41			0.00
84.39705	89.0	83.0	70.0	44.0	8.0					0.00
84.39706	67.0	85.0	198.0	40.0	6.0		Y15 - 1			0.00
84.39707	50.0	96.0	119.0	26.0	18.0					0.00
84.39708	73.0	41.0	50.0	9.0	9.0					0.00
84.39709	41.0	58.0	135.0	34.0	5.0					0.00
84.39710	80.0	73.0	64.0	36.0	6.0					0.00
84.39711	69.0	73.0	93.0	37.0	4.0					0.00
84.39712	70.0	87.0	72.0	43.0	8.0					0.00
84.39713	94.0	86.0	109.0	44.0	8.0					0.00
84.39714	37.0	90.0	56.0	38.0	5.0					0.00
84.39715	83.0	95.0	96.0	45.0	0.0	- 10				0.00
84.39716	35.0	103.0	38.0	24.0	5.0					0.00
84.39717	94.0	91.0	81.0	36.0	4.0					0.00
84.39718	78.0	108.0	79.0	48.0	7.0					0.00
84.39719	88.0	87.0	86.0	14.0	16.0					0.00
84.39720	55.0	59.0	61.0	0.0	4.0					1.00
84.39721	73.0	68.0	185.0	47.0	24.0					0.00
84.39722	43.0	106.0	290.0	59.0	16.0					0.00
84.39723	79.0	99.0	111.0	41.0	8.0					0.00
84.39724	27.0	79.0	33.0	35.0	8.0					0.00
84.39725	91.0	68.0	82.0	40.0	12.0	- 20				0.00
84.39726	66.0	99.0	127.0	48.0	14.0					0.00
84.39727	28.0	124.0	32.0	41.0	17.0					0.00
84.39728	73.0	114.0	74.0	48.0	14.0					0.00
84.39729	49.0	133.0	33.0	16.0	29.0					0.00
84.39730	52.0	77.0	64.0	33.0	11.0					0.00
84.39731	36.0	110.0	37.0	41.0	11.0					0.00
84.39732	26.0	79.0	35.0	28.0	15.0					0.00
84.39733	135.0	89.0	69.0	41.0	12.0					0.00
84.39734	73.0	85.0	65.0	39.0	13.0					0.00
84.39735	25.0	98.0	35.0	26.0	10.0	- 30				0.00
84.39736	35.0	101.0	27.0	23.0	12.0					0.00
84.39737	53.0	78.0	36.0	23.0	21.0					0.00
84.39738	421.0	125.0	82.0	43.0	13.0					0.00
84.39739	9.0	43.0	151.0	48.0	20.0					0.00
84.39740	9.0	42.0	63.0	41.0	17.0					0.00
84.39741	11.0	95.0	67.0	35.0	17.0					0.00
84.39742	20.0	145.0	111.0	40.0	25.0					0.00
84.39743	17.0	83.0	80.0	32.0	17.0		Y15-38			0.03
84.39744	50.0	106.0	148.0	34.0	15.0		3425-1			0.00
84.39745	52.0	103.0	165.0	31.0	20.0					0.00
84.39746	58.0	107.0	90.0	26.0	10.0					0.00
84.39747	68.0	254.0	193.0	22.0	16.0					0.00
84.39748	66.0	69.0	186.0	29.0	22.0		3425-5			0.00

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

22-APR-85
ANALYSOIJA: TL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39749	76.0	79.0	206.0	46.0	39.0		347,5-6			0.00
84.39750	62.0	93.0	75.0	42.0	14.0					0.00
84.39751	51.0	129.0	48.0	40.0	13.0					0.00
84.39752	49.0	104.0	51.0	36.0	13.0					0.00
84.39753	68.0	101.0	62.0	43.0	13.0	- 10				0.00
84.39754	63.0	93.0	65.0	40.0	15.0					0.00
84.39755	5.0	51.0	72.0	51.0	9.0					0.00
84.39756	20.0	66.0	79.0	42.0	20.0					0.03
84.39757	12.0	47.0	106.0	46.0	7.0					0.00
84.39758	17.0	63.0	97.0	32.0	11.0					0.00
84.39759	26.0	71.0	75.0	41.0	17.0					0.00
84.39760	25.0	136.0	26.0	11.0	1.0					0.00
84.39761	5.0	58.0	151.0	36.0	13.0					0.00
84.39762	7.0	35.0	59.0	35.0	11.0					0.00
84.39763	9.0	38.0	66.0	31.0	15.0	- 20				0.00
84.39764	11.0	55.0	54.0	32.0	9.0					0.00
84.39765	8.0	53.0	39.0	32.0	8.0					0.00
84.39766	17.0	32.0	109.0	24.0	14.0					0.00
84.39767	11.0	36.0	149.0	33.0	3.0					0.00
84.39768	9.0	40.0	73.0	32.0	12.0					0.00
84.39769	14.0	30.0	24.0	26.0	22.0					0.00
84.39770	14.0	97.0	21.0	28.0	21.0		347,5-27			0.00

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

26-APR-85
ANALYSOIJA: TL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39771	67.0	83.0	101.0	41.0	10.0		352,5 -1			0.06
84.39772	57.0	74.0	75.0	30.0	12.0					0.09
84.39773	52.0	95.0	91.0	39.0	4.0					0.02
84.39774	61.0	106.0	174.0	46.0	7.0					0.02
84.39775	82.0	101.0	85.0	37.0	17.0					0.04
84.39776	52.0	90.0	183.0	32.0	5.0					0.00
84.39777	66.0	62.0	246.0	42.0	11.0					0.00
84.39778	94.0	57.0	179.0	40.0	10.0					0.00
84.39779	85.0	174.0	80.0	47.0	13.0					0.23
84.39780	43.0	159.0	116.0	39.0	7.0	- 10				0.01
84.39781	45.0	105.0	62.0	42.0	7.0					0.04
84.39782	2549.0	99.0	69.0	54.0	8.0					0.27
84.39783	7.0	67.0	71.0	66.0	12.0					0.02
84.39784	3.0	62.0	33.0	8.0	5.0					0.03
84.39785	3.0	37.0	161.0	41.0	8.0					0.00
84.39786	4.0	111.0	55.0	26.0	10.0					0.00
84.39787	6.0	108.0	66.0	24.0	6.0					0.01
84.39788	25.0	84.0	81.0	35.0	13.0					0.00
84.39789	9.0	73.0	60.0	26.0	9.0					0.00
84.39790	4.0	95.0	67.0	32.0	9.0	- 20				0.00
84.39791	4.0	46.0	48.0	31.0	16.0					0.01
84.39792	4.0	56.0	103.0	39.0	13.0					0.01
84.39793	9.0	50.0	89.0	44.0	21.0					0.00
84.39794	16.0	48.0	77.0	42.0	20.0					0.01
84.39795	58.0	103.0	237.0	50.0	22.0		352,5 -25			0.04
84.39796	26.0	103.0	122.0	37.0	21.0		357,5 -1			0.00
84.39797	19.0	124.0	128.0	44.0	19.0					0.00
84.39798	77.0	63.0	203.0	73.0	18.0					0.01
84.39799	47.0	78.0	192.0	39.0	23.0					0.01
84.39800	80.0	86.0	97.0	44.0	23.0					0.02
84.39801	54.0	79.0	80.0	39.0	20.0					0.01
84.39802	56.0	64.0	61.0	28.0	20.0					0.01
84.39803	55.0	96.0	68.0	36.0	23.0					0.02
84.39804	32.0	84.0	121.0	39.0	21.0					0.03
84.39805	25.0	87.0	156.0	41.0	23.0	- 10				0.01
84.39806	48.0	93.0	175.0	38.0	28.0		357,5-11			0.02
84.39807	56.0	92.0	142.0	37.0	29.0		362,5-1			0.11
84.39808	263.0	107.0	44.0	6.0	27.0					3.25
84.39809	41.0	103.0	58.0	33.0	25.0					0.02
84.39810	49.0	79.0	230.0	36.0	30.0					0.00
84.39811	98.0	54.0	289.0	38.0	34.0					0.01
84.39812	34.0	200.0	96.0	38.0	35.0					0.03
84.39813	93.0	131.0	97.0	43.0	27.0					0.02
84.39814	7.0	91.0	49.0	30.0	24.0					0.01
84.39815	127.0	271.0	87.0	44.0	34.0					2.19
84.39816	37.0	109.0	114.0	41.0	26.0	- 10				0.18
84.39817	91.0	59.0	77.0	45.0	31.0					0.53
84.39818	138.0	66.0	69.0	42.0	36.0		362,5-12			0.83

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

26-APR-85
ANALYSOIJA: TL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: LOKKEN

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39819	30.0	187.0	48.0	41.0	10.0		362,5-19			0.44
84.39820	6.0	151.0	121.0	40.0	5.0					0.00
84.39821	139.0	148.0	35.0	28.0	9.0					0.05
84.39822	184.0	140.0	52.0	36.0	5.0					0.06
84.39823	33.0	88.0	88.0	40.0	8.0					0.02
84.39824	111.0	55.0	64.0	56.0	7.0					0.07
84.39825	284.0	58.0	91.0	51.0	7.0					0.05
84.39826	676.0	58.0	51.0	38.0	10.0	- 20				0.10
84.39827	7.0	47.0	67.0	44.0	8.0					0.00
84.39828	14.0	43.0	38.0	26.0	3.0					0.01
84.39829	7.0	44.0	39.0	33.0	4.0					0.02
84.39830	5.0	43.0	69.0	40.0	1.0					0.01
84.39831	5.0	48.0	48.0	26.0	3.0					0.01
84.39832	16.0	31.0	89.0	34.0	3.0		362,5-26			0.01
84.39833	215.0	92.0	93.0	35.0	6.0		377,5-1			0.01
84.39834	55.0	90.0	93.0	40.0	5.0					0.01
84.39835	63.0	97.0	197.0	51.0	3.0					0.01
84.39836	54.0	75.0	314.0	45.0	3.0					0.01
84.39837	438.0	74.0	116.0	37.0	5.0					0.09
84.39838	70.0	443.0	53.0	37.0	6.0					0.31
84.39839	62.0	98.0	51.0	38.0	17.0					0.02
84.39840	76.0	101.0	60.0	43.0	13.0					0.22
84.39841	76.0	634.0	46.0	25.0	18.0					0.71
84.39842	42.0	85.0	147.0	48.0	17.0	- 10				0.01
84.39843	4.0	75.0	56.0	35.0	10.0					0.01
84.39844	13.0	72.0	105.0	30.0	13.0					0.01
84.39845	321.0	73.0	54.0	37.0	11.0					0.38
84.39846	9.0	43.0	53.0	32.0	18.0					0.01
84.39847	5.0	59.0	85.0	50.0	15.0					0.00
84.39848	38.0	42.0	118.0	46.0	17.0					0.01
84.39849	17.0	47.0	118.0	43.0	12.0		377,5-12			0.00
84.39850	34.0	40.0	96.0	33.0	23.0					0.00

OUTOKUMPU OY
MALMINETSINTÄ
GEOLOGINEN LABORATORIO

30-APR-85
ANALYSOIJA: MAL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: LOKKEN/NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39851	24.0	42.0	164.0	42.0	14.0		372.5-19			0.23
84.39852	26.0	46.0	78.0	41.0	13.0					0.00
84.39853	5.0	49.0	49.0	24.0	13.0					0.01
84.39854	9.0	72.0	78.0	44.0	13.0					0.02
84.39855	17.0	53.0	123.0	42.0	21.0					0.02
84.39856	3.0	30.0	80.0	44.0	10.0					0.01
84.39857	6.0	36.0	80.0	45.0	12.0					0.01
84.39858	10.0	43.0	111.0	44.0	10.0		-26			0.01
84.39859	65.0	105.0	96.0	40.0	15.0		382.5-1			0.02
84.39860	25.0	82.0	151.0	39.0	8.0					0.01
84.39861	24.0	125.0	42.0	36.0	9.0					0.07
84.39862	28.0	103.0	51.0	36.0	9.0					0.13
84.39863	4.0	65.0	64.0	28.0	11.0					0.01
84.39864	6.0	105.0	97.0	39.0	11.0					0.01
84.39865	8.0	77.0	98.0	45.0	11.0					0.01
84.39866	77.0	91.0	49.0	27.0	17.0					0.36
84.39867	55.0	391.0	58.0	29.0	6.0					0.02
84.39868	22.0	87.0	97.0	44.0	15.0	-10				0.05
84.39869	14.0	94.0	84.0	39.0	16.0					0.01
84.39870	54.0	116.0	125.0	41.0	17.0					0.23
84.39871	89.0	109.0	35.0	30.0	11.0					0.61
84.39872	33.0	104.0	83.0	36.0	10.0					0.07
84.39873	12.0	68.0	73.0	41.0	13.0		-15			0.00
84.39874	46.0	74.0	136.0	37.0	9.0		315-1			0.01
84.39875	22.0	80.0	92.0	37.0	14.0					0.00
84.39876	17.0	55.0	92.0	34.0	10.0					0.00
84.39877	41.0	101.0	70.0	38.0	10.0					0.09
84.39878	39.0	93.0	117.0	39.0	9.0					0.03
84.39879	39.0	94.0	140.0	40.0	15.0					0.00
84.39880	42.0	90.0	133.0	36.0	12.0					0.04
84.39881	72.0	100.0	187.0	45.0	16.0					0.13
84.39882	72.0	63.0	228.0	37.0	16.0					0.01
84.39883	55.0	108.0	142.0	42.0	12.0	-10				0.01
84.39884	71.0	96.0	107.0	38.0	14.0					0.00
84.39885	31.0	105.0	67.0	34.0	12.0					0.03
84.39886	44.0	98.0	56.0	29.0	8.0					0.13
84.39887	13.0	100.0	53.0	27.0	8.0					0.01
84.39888	54.0	127.0	61.0	36.0	13.0					0.20
84.39889	51.0	118.0	59.0	40.0	12.0					0.08
84.39890	42.0	79.0	43.0	24.0	10.0					0.03
84.39891	17.0	116.0	37.0	22.0	12.0					0.01
84.39892	28.0	99.0	43.0	23.0	9.0					0.02
84.39893	32.0	98.0	50.0	26.0	6.0	-20				0.02
84.39894	49.0	104.0	69.0	36.0	8.0					0.12
84.39895	46.0	117.0	90.0	36.0	16.0					0.02
84.39896	39.0	119.0	65.0	27.0	11.0					0.03
84.39897	58.0	85.0	77.0	31.0	18.0					0.11
84.39898	66.0	92.0	42.0	21.0	18.0		315-25			0.06

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

30-APR-85
ANALYSOIJA: MAL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: LOKKEN/NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39899	79.0	91.0	72.0	47.0	14.0		315-26			0.06
84.39900	16.0	128.0	30.0	40.0	10.0					0.14
84.39901	46.0	102.0	56.0	43.0	7.0					0.08
84.39902	51.0	85.0	80.0	41.0	12.0					0.01
84.39903	57.0	122.0	92.0	33.0	8.0	- 20				0.13
84.39904	132.0	67.0	102.0	42.0	5.0					0.01
84.39905	34.0	47.0	104.0	35.0	15.0					0.06
84.39906	20.0	71.0	96.0	29.0	14.0					0.01
84.39907	12.0	60.0	152.0	35.0	4.0					0.01
84.39908	24.0	85.0	86.0	35.0	4.0					0.00
84.39909	65.0	95.0	94.0	40.0	1.0	- 10				0.00
84.39910	21.0	102.0	36.0	38.0	1.0		315-41			0.04
84.39911	63.0	80.0	127.0	32.0	0.0		420-1			0.04
84.39912	61.0	67.0	134.0	32.0	6.0					0.02
84.39913	66.0	72.0	70.0	37.0	5.0					0.01
84.39914	37.0	106.0	56.0	39.0	2.0					0.01
84.39915	88.0	103.0	81.0	48.0	0.0					0.06
84.39916	89.0	84.0	101.0	46.0	5.0					0.03
84.39917	86.0	90.0	77.0	45.0	6.0					0.09
84.39918	65.0	103.0	77.0	38.0	0.0					0.06
84.39919	33.0	129.0	52.0	41.0	18.0					0.09
84.39920	92.0	89.0	60.0	45.0	8.0	- 10				0.10
84.39921	76.0	136.0	105.0	41.0	14.0					0.01
84.39922	39.0	74.0	45.0	31.0	23.0					0.02
84.39923	72.0	92.0	83.0	45.0	15.0					0.11
84.39924	41.0	109.0	100.0	40.0	16.0					0.36
84.39925	69.0	111.0	95.0	46.0	17.0					0.12
84.39926	89.0	93.0	96.0	43.0	29.0					0.12
84.39927	72.0	102.0	90.0	46.0	20.0					0.08
84.39928	54.0	110.0	159.0	46.0	18.0					0.10
84.39929	70.0	94.0	106.0	44.0	14.0					0.14
84.39930	79.0	105.0	88.0	59.0	21.0		430-20			0.22

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

02-MAY-85
ANALYSOIJA: MAL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: LOKKEN/NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39931	67.0	89.0	75.0	43.0	13.0		430-21			0.19
84.39932	85.0	67.0	93.0	42.0	21.0					0.01
84.39933	53.0	94.0	159.0	45.0	22.0					0.05
84.39934	112.0	65.0	30.0	26.0	19.0					0.14
84.39935	47.0	95.0	199.0	46.0	21.0					0.04
84.39936	63.0	88.0	101.0	36.0	30.0					0.00
84.39937	11.0	79.0	104.0	27.0	15.0					0.03
84.39938	69.0	108.0	78.0	17.0	9.0					0.01
84.39939	42.0	85.0	171.0	37.0	21.0					0.02
84.39940	39.0	77.0	137.0	39.0	21.0	-30				0.08
84.39941	49.0	83.0	225.0	44.0	24.0					0.01
84.39942	63.0	87.0	125.0	37.0	15.0					0.04
84.39943	46.0	87.0	164.0	40.0	16.0					0.01
84.39944	46.0	70.0	128.0	38.0	15.0					0.02
84.39945	64.0	73.0	117.0	36.0	24.0		430-15			0.02
84.39946	91.0	97.0	201.0	46.0	16.0		387,5-1			0.01
84.39947	13.0	132.0	55.0	30.0	22.0					0.08
84.39948	43.0	122.0	47.0	35.0	22.0					0.03
84.39949	20.0	105.0	54.0	28.0	21.0					0.20
84.39950	120.0	74.0	76.0	36.0	16.0					0.55
84.39951	84.0	100.0	51.0	48.0	14.0					0.26
84.39952	43.0	233.0	74.0	41.0	4.0					0.01
84.39953	50.0	91.0	48.0	37.0	3.0					0.09
84.39954	58.0	86.0	57.0	39.0	13.0					0.24
84.39955	60.0	88.0	61.0	45.0	14.0	-10				0.14
84.39956	77.0	109.0	41.0	35.0	12.0					0.10
84.39957	76.0	117.0	51.0	44.0	59.0					0.59
84.39958	75.0	97.0	74.0	44.0	30.0					0.12
84.39959	35.0	145.0	215.0	40.0	16.0					0.00
84.39960	55.0	117.0	113.0	39.0	22.0					0.03
84.39961	46.0	116.0	118.0	41.0	11.0					0.02
84.39962	67.0	112.0	104.0	40.0	22.0					0.04
84.39963	82.0	99.0	99.0	41.0	25.0					0.03
84.39964	46.0	134.0	50.0	37.0	25.0					0.04
84.39965	38.0	97.0	73.0	38.0	12.0					0.02
84.39966	60.0	153.0	102.0	47.0	16.0		387,5-21			0.00
84.39967	54.0	85.0	127.0	42.0	13.0		420-1			0.06
84.39968	54.0	95.0	113.0	38.0	19.0					0.00
84.39969	67.0	103.0	154.0	41.0	18.0					0.00
84.39970	74.0	94.0	95.0	23.0	11.0					0.00
84.39971	75.0	98.0	136.0	45.0	13.0					0.00
84.39972	48.0	91.0	126.0	33.0	24.0					0.00
84.39973	55.0	86.0	68.0	38.0	14.0					0.02
84.39974	83.0	83.0	76.0	39.0	7.0					0.02
84.39975	83.0	86.0	131.0	44.0	17.0					0.03
84.39976	26.0	106.0	57.0	28.0	14.0	-10				0.01
84.39977	61.0	138.0	55.0	44.0	12.0					0.26
84.39978	106.0	83.0	116.0	41.0	14.0		420-12			0.01

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

02-MAY-85
ANALYSOIJA: MAL
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: LOKKEN/NORJA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.39979	14.0	76.0	56.0	39.0	42.0		420-13			0.04
84.39980	38.0	109.0	104.0	42.0	25.0					0.00
84.39981	8.0	43.0	85.0	34.0	30.0					0.01
84.39982	63.0	65.0	62.0	47.0	37.0					0.03
84.39983	15.0	53.0	67.0	33.0	29.0					0.01
84.39984	25.0	55.0	87.0	31.0	30.0					0.00
84.39985	12.0	87.0	96.0	39.0	31.0					0.00
84.39986	13.0	78.0	248.0	39.0	35.0	-20				0.00
84.39987	75.0	98.0	67.0	49.0	36.0					0.03
84.39988	56.0	81.0	64.0	43.0	38.0					0.09
84.39989	54.0	97.0	82.0	41.0	34.0					0.01
84.39990	98.0	91.0	109.0	50.0	38.0					0.00
84.39991	34.0	108.0	47.0	38.0	36.0					0.11
84.39992	54.0	67.0	65.0	37.0	32.0					0.01
84.39993	53.0	77.0	67.0	41.0	34.0					0.10
84.39994	39.0	88.0	49.0	33.0	38.0					0.07
84.39995	68.0	95.0	79.0	51.0	36.0					0.03
84.39996	193.0	93.0	47.0	26.0	59.0	-30				0.08
84.39997	16.0	48.0	39.0	9.0	35.0					0.03
84.39998	31.0	80.0	79.0	32.0	35.0					0.08
84.39999	128.0	96.0	65.0	47.0	14.0					0.06
84.40000	12.0	78.0	83.0	35.0	15.0		420-34			0.15

[illegible]
[illegible]
[illegible]

42

Uusintoja =

07-SEP-84
[illegible]: JJ
[illegible]: R.PÄÄLÄ
LAATU: KIVI
ALUE: LOHKEN VERK.NORJA

TYYPPIHAPPO LIUOTUS

ATOM.ABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

NO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
[illegible]										
84.37533						2.3				
84.37534						2.9				
84.37535						0.8				
84.37536						0.6				
84.37537						0.6				
84.[illegible]738						1.8				
84.[illegible].38						1.4				
84.37[illegible]0						1.1				
84.3754[illegible]						2.8				
84.38751						1.0				
84.38752						1.3				
84.38753						1.5				
84.38754						1.5				
84.38755						1.7				
84.38756						1.3				
84.38757						1.2				
84.38758						1.2				
84.38759						1.1				
84.38760						1.7				
84.38761						1.4				
84.38762						1.5				
84.38763						1.0				
84.38764						1.1				
84.38765						1.3				
84.38766						1.9				
84.38767						1.0				
84.38768						1.2				
84.38769						0.9				
84.38770						1.1				
84.38771						1.1				
84.38772						1.5				
84.[illegible]3						0.8				
84.38774						1.4				
84.38775						1.4				
84.38776						1.2				
84.38777						1.1				
84.38778						1.3				
84.38779						1.3				
84.38780						1.5				
84.38781						1.7				
84.38782						1.4				
84.38783						1.3				
84.38784						0.8				
84.38785						1.3				
84.38786						1.3				
84.38787						0.5				
84.38788						0.9				
						0.5				

OUTOKUMPU OY
MALMIETSINTÄ
GEOLOGIAN LABORATORIO

Uusintoja

07-SEP-84
ANALYSOIJA: JO
TILAAJA: S.MÄKELÄ
LAATU: KIVI
ALUE: LOKKEN VERK.NORJA

TYPPIHAPPO LIUOTUS

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

NRO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.38789						0.9				
84.38790						1.6				
84.38791						2.0				
84.38792						1.8				
84.38793						2.1				
84.[illegible]94						1.4				
84.[illegible].95						0.2				
84.38796						1.5				
84.38797						0.3				
84.38798						0.4				
84.38799						1.5				
84.38800						1.5				
84.38801						1.4				
84.38802						0.3				
84.38803						1.3				
84.38804						1.1				
84.38805						1.2				
84.38806						1.6				
84.38807						1.4				
84.38808						1.2				
84.38809						0.8				
84.38810						1.2				
84.38811						1.2				
84.38812						1.4				
84.38813						1.7				
84.38814						1.4				
84.38815						1.2				
84.38816						1.1				
84.38817						0.5				
84.38818						0.8				
84.[illegible]19						1.0				
84.[illegible].20						1.1				
84.38821						1.2				
84.38822						1.3				
84.38823						0.8				
84.38824						1.5				
84.38825						1.5				
84.38826						0.7				
84.38827						1.5				
84.38828						1.1				
84.38829						1.4				
84.38830						1.1				
84.38831						1.5				
84.38832						1.5				
84.38833						0.7				
84.38834						0.6				
84.38835						1.2				
84.38836						1.3				

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

11-SEP-84
ANALYSOIJA: HV
TILAAJA: K.MAKELA TYPPIHAPPOLIUOTUS
LAATU: KIVI
ALUE: LOKKEN VERK.NORJA UUSINTA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

'O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.38837						1.8				
84.38838						1.6				
84.38839						1.2				
84.38840						1.1				
84.38841						1.4				
84.38842						1.3				
84.38843						0.7				
84.38844						1.0				
84.38845						0.6				
84.38846						1.1				
84.38847						0.9				
84.38848						0.7				
84.38849						0.7				
84.38850						0.9				
84.38851						1.6				
84.38852						1.2				
84.38853						1.8				
84.38854						0.5				
84.38855						0.4				
84.38856						1.0				
84.38857						2.2				
84.38858						1.6				
84.38859						1.2				
84.38860						1.3				
84. 61						2.1				
84.38862						1.6				
84.38863						2.5				
84.38864						1.3				
84.38865						1.4				
84.38866						1.7				
84.38867						1.6				
84.38868						0.6				
84.38869						1.4				
84.38870						1.6				
84.38871						1.8				
84.38872						1.1				
84.38873						1.4				
84.38874						1.5				
84.38875						1.3				
84.38876						1.5				
84.38877						1.0				
84.38878						1.8				
84.38879						0.9				
84.38880						1.1				
84.38881						1.7				
84.38882						1.5				
84.38883						1.7				
84.38884						1.7				

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

11-SEP-84
ANALYSOIJA: HV
TILAAJA: K.MÄKELÄ TUPPIHAPPOLIUOTUS
LAATU: KIVI
ALUE: LOKKEN VERK,NORJA UUSINTA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.38885						2.3				
84. 886						1.3				
84. 887						1.2				
84.38888						1.3				
84.38889						1.8				
84.38890						0.9				
84.38891						1.1				
84.38892						1.0				
84.38893						1.4				
84.38894						1.3				
84.38895						0.8				
84.38896						1.0				
84.38897						1.1				
84.38898						1.7				
84.38899						1.3				
84.38900						1.0				
84.38901						0.7				
84.38902						1.3				
84.38903						0.6				
84.38904						1.3				
84.38905						1.3				
84.38906						1.1				
84.38907						0.6				
84.38908						1.1				
84.38909						0.0				
84.38910						0.0				
84. 911						0.1				
84. 912						0.0				
84.38913						0.9				
84.38914						1.1				
84.38915						0.8				
84.38916						1.2				
84.38917						2.2				
84.38918						1.1				
84.38919						1.0				
84.38920						0.2				
84.38921						1.3				
84.38922						1.2				
84.38923						1.4				
84.38924						1.2				
84.38925						0.7				
84.38926						0.7				
84.38927						0.9				
84.38928						1.4				
84.38929						1.6				
84.38930						1.2				
84.38931						0.3				
84.38932						0.1				

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

11-SEP-84
ANALYSOIJA: HV
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: LOKKEN VERK.NORJA

TUPPIHAPPO LIUOTUS
UUSINTA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG
FE, S JA AS -PITOISUUSYKSIKKO: %

NO	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.38933						1.9				
84.38934						1.3				
84.38935						1.4				
84.38936						1.1				
84.38937						1.2				
84.38938						1.1				
84.38939						1.0				
84.38940						1.1				
84.38941						1.1				
84.38942						1.1				
84.38943						0.8				
84.38944						1.5				
84.38945						1.5				
84.38946						2.1				
84.38947						1.5				
84.38948						0.7				
84.38949						1.2				
84.38950						1.8				
84.38951						0.8				
84.38952						1.2				
84.38953						1.3				
84.38954						1.4				
84.[illegible]955						1.3				
84.[illegible]956						1.2				
84.38957						1.0				
84.38958						1.1				
84.38959						1.3				
84.38960						0.6				
84.38961						0.8				
84.38962						0.5				
84.38963						0.9				
84.38964						1.0				
84.38965						0.9				
84.38966						0.6				
84.38967						0.9				
84.38968						0.4				
84.38969						0.8				
84.38970						0.8				
84.38971						0.4				
84.38972						0.2				
84.38973						0.4				
84.38974						1.3				
84.38975						1.0				
84.38976						0.5				
84.38977						0.5				
84.38978						1.3				
84.38979						1.1				
84.38980						1.5				

OUTOKUMPU OY
MALMINETSINTA
GEOLOGINEN LABORATORIO

11- -84
ANALYSOIJA: HV
TILAAJA: K.MAKELA
LAATU: KIVI
ALUE: LOKKEN VERK,NORJA

TYPPIHAPPO LIUOTUS
UUSINTA

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKÖ: MG/KG
FE, S JA AS -PITOISUUSYKSIKKÖ: %

N:O	CU	ZN	NI	CO	PB	AG	MN	CR	FE	S
84.38981						1.8				
84.38982						1.7				
84.38983						0.4				
84.38984						1.6				
84.38985						1.0				
84.38986						1.1				
84.38987						1.1				
84.38988						1.3				
84.38989						1.0				
84.38990						1.3				
84. 91						0.8				
84.38992						1.2				
84.38993						1.2				
84.38994						1.2				
84.38995						1.2				
84.38996						1.1				
84.38997						0.9				
84.38998						1.2				
84.38999						0.7				
84.39000						1.5				

OUTOKUMPU OY
MALMINETSINTÄ

Li ANALYYSITULOKSIA

48

24. 1. 1985

K. Häkelä

numero	Li mg/kg			Nro	Li mg/kg					
84. 37585	41			84. 37612	16					
37586	18			37613	16					
37587	7			37614	8					
37588	18			37615	9					
37589	55			37616	10					
37590	12			37617	10					
37591	13			37618	6					
37592	19			37619	17					
37593	16			37620	17					
37594	24			37621	17					
37595	9			37622	15					
37596	13			37623	18					
37597	12			37624	16					
37598	14									
37599	9									
37600	9									
37601	7									
37602	8									
37603	11									
37604	8									
37605	13									
37606	20									
37607	8									
37608	24									
37609	16									
37610	17									
37611	29									

OUTOKUMPU OY
MALMINETSINTÄ

Li – ANALYYSITULOKSIA

30. 1. 1985

	numero	Li mg/kg			Nro	Li mg/kg			Nro	Li mg/kg
64.	37625	8.		64.	37652	5.		64	37679	10.
	37626	12.			37653	16.			37680	9.
	37627	13.			37654	4.			37681	7.
	37628	12.			37655	25.			37682	4.
5	37629	13.			37656	24.			37683	3.
	37630	8.			37657	10.			37684	7.
	37631	10.			37658	12.			37685	3.
	37632	6.			37659	20.			37686	10.
	37633	6.			37660	10.			37687	3.
10	37634	14.			37661	6.			37688	5.
	37635	8.			37662	7.			37689	4.
	37636	6.			37663	7.			37690	9.
	37637	5.			37664	4.			37691	8.
	37638	4.			37665	4.			37692	8.
15	37639	5.			37666	3.			37693	20.
	37640	5.			37667	8.			37694	29.
	37641	6.			37668	8.			37695	19.
	37642	5.			37669	9.			37696	9.
	37643	5.			37670	13.			37697	7
20	37644	3.			37671	13.			37698	20.
	37645	5.			37672	14.			37699	19.
	37646	5.			37673	6.			37700	10.
	37647	7.			37674	8.			37701	14.
	37648	5.			37675	4.			37702	6.
25	37649	3.			37676	10.			37703	5.
	37650	7.			37677	20.			37704	12.
27	37651	4.			37678	12.				

OUTOKUMPU OY
MALMINETSINTÄ

Li ANALYYSITULOKSIA

50

K. Mäkelä 5. 8. 1985

	numero	Li mg/kg			Li mg/kg				Li mg/kg	
84	37705	15	84	37732	16		84	37759	8	
	37706	8		37733	21			37760	13	
	37707	6		37734	23			37761	13	
	37708	13		37735	7			37762	13	
5	37709	13		37736	14			37763	7	
	37710	8		37737	36			37764	7	
	37711	9		37738	18			37765	11	
	37712	13		37739	18			37766	10	
	37713	13		37740	9			37767	11	
10	37714	9		37741	13			37768	7	
	37715	7		37742	7			37769	4	
	37716	7		37743	5			37770	5	
	37717	7		37744	8			37771	21	
	37718	8		37745	11			37772	13	
15	37719	12		37746	9			37773	18	
	37720	8		37747	27			37774	13	
	37721	14		37742	16			37775	10	
	37722	22		37749	25			37776	12	
	37723	22		37750	23			37777	27	
20	37724	23		37751	21			37778	13	
	37725	17		37752	11			37779	20	
	37726	18		37753	19			37780	16	
	37727	23		37754	22			37781	9	
	37728	21		37755	21			37782	17	
25	37729	25		37756	23			37783	7	
	37730	10		37757	21			37784	9	
27	37731	17		37758	17			37785	12	

OUTOKUMPU OY
MALMINETSINTÄ
KMak.16

Li ANALYYSITULOKSIA

51

5.8.1985

	numero	Li mg/kg			Li mg/kg				Li mg/kg	
84	37786	13	84	37813	19		84	37840	20	
	37787	11		37814	7			37841	21	
	37788	8		37815	8			37842	13	
	37789	8		37816	6			37843	13	
5	37790	11		37817	10			37844	7	
	37791	9		37818	10			37845	16	
	37792	15		37819	8			37846	10	
	37793	16		37820	9			37847	12	
	37794	28		37821	15			37848	10	
10	37795	30		37822	9			37849	11	
	37796	14		37823	10			37850	9	
	37797	19		37824	9			37851	10	
	37798	16		37825	11			37852	7	
	37799	14		37826	14			37853	9	
15	37800	19		37827	15			37854	14	
	37801	8		37828	6			37855	8	
	37802	8		37829	12			37856	8	
	37803	11		37830	12			37857	7	
	37804	10		37831	11			37858	12	
20	37805	8		37832	15			37859	7	
	37806	10		37833	13			37860	11	
	37807	8		37834	20			37861	9	
	37808	15		37835	15			37862	7	
	37809	14		37836	18			37863	11	
25	37810	18		37837	22			37864	8	
	37811	25		37838	19					
27	37812	7		37839	18					

	37865	7		37892	12		37964	13	
	37866	9		37893	14		37962	13	
	37867	8		37894	14		37963	10	
	37868	9		37895	13		37964	10	
5	37869	8		37896	17		37965	8	
	37870	12		37897	21		37966	8	
	37871	9		37898	18		37967	21	
	37872	9		37941	12		37968	20	
	37873	15		37942	12		37969	23	
10	37874	8		37943	14		37970	14	
	37875	8		37944	16		37971	20	
	37876	7		37945	11		37972	17	
	37877	14		37946	10		37973	12	
	37878	10		37947	10		37974	24	
15	37879	14		37948	9		37975	21	
	37880	9		37949	11		37976	23	
	37881	11		37950	13		37977	18	
	37882	6		37951	11		37978	19	
	37883	14		37952	12		37979	12	
20	37884	13		37953	10		37980	29	
	37885	9		37954	10		37981	17	
	37886	10		37955	10		37982	15	
	37887	10		37956	10		37983	13	
	37888	5		37957	14		37984	11	
25	37889	17		37958	12		37985	12	
	37890	11		37959	10		37986	14	
27	37891	21		37960	10				

numero									
37987	10		38014	29					
37988	12		38015	22					
37989	6		38016	22					
37990	11		38017	43					
37991	26		38018	24					
37992	11		38019	13					
37993	31		38020	16					
37994	16		38021	20					
37995	12		38022	18					
37996	11		38023	30					
37997	12		38024	38					
37998	17		38025	29					
37999	18		38026	35					
38000	13		38027	56					
38001	14		38028	46					
38002	15		38029	25					
38003	13		38030	49					
38004	16		38031	28					
38005	18								
38006	20								
38007	24								
38008	19								
38009	21								
38010	24								
38011	22								
38012	24								
38013	22								

K. Mäkelä

numero	Li mg/kg		N:o	Li mg/kg		N:o	Li mg/kg		
84. 38751	13		84. 38778	9		84. 38805	20		
38752	12		38779	17		38806	18		
38753	16		38780	15		38807	8		
38754	9		38781	5		38808	8		
38755	12		38782	10		38809	9		
38756	12		38783	7		38810	7		
38757	8		38784	9		38811	6		
38758	8		38785	12		38812	10		
38759	13		38786	6		38813	9		
38760	6		38787	4		38814	8		
38761	7		38788	5		38815	8		
38762	4		38789	4		38816	8		
38763	6		38790	13		38817	9		
38764	6		38791	15		38818	11		
38765	12		38792	16		38819	13		
38766	13		38793	14		38820	11		
38767	10		38794	13		38821	7		
38768	12		38795	3		38822	8		
38769	7		38796	15		38823	7		
38770	5		38797	5		38824	9		
38771	10		38798	4		38825	14		
38772	7		38799	16		38826	7		
38773	14		38800	15		38827	9		
38774	10		38801	18		38828	7		
38775	9		38802	3		38829	10		
38776	8		38803	20		38830	10		
38777	6		38804	7		38831	10		

OUTOKUMPU OY
MALMINETSINTÄ

Li ANALYYSITULOKSIA

55

19

K. Mäkelä

numero	Li mg/kg
84. 38832	3
38833	3
38834	10
38835	6
38836	5
38837	5
38838	11
38839	12
38840	12

1000.10.81

OUTOKUMPU OY
OTK MALMINETSINTÄ

Li-ICP ANALYYSITULOKSIA

56

3.9.1984

K. Mäkelä OKP

	numero	Li mg/kg			nro.	Li mg/kg			nro.	Li mg/kg
84.	38841	6		84.	38868	2		84.	38895	4
	38842	9			38867	8			38896	3
	38843	3			38870	11			38897	4
	38844	4			38871	7			38898	10
5	38845	4			38872	7			38899	11
	38846	3			38873	10			38900	6
	38847	4			38874	10			38901	7
	38848	4			38875	10			38902	10
	38849	8			38876	9			38903	7
10	38850	7			38877	12			38904	23
	38851	14			38878	10			38905	16
	38852	8			38879	16			38906	15
	38853	12			38880	8			38907	6
	38854	5			38881	8			38908	11
15	38855	4			38882	10			38909	7
	38856	13			38883	12			38910	11
	38857	12			38884	7			38911	4
	38858	13			38885	11			38912	4
	38859	8			38886	5			38913	10
20	38860	7			38887	11			38914	15
	38861	13			38888	17			38915	14
	38862	17			38889	16			38916	4
	38863	18			38890	9			38917	12
	38864	10			38891	12			38918	33
25	38865	17			38892	9			38919	9
	38866	18			38893	9			38920	4
27	38867	17			38894	15			38921	6

Alaraja 6 mg/kg

1000.10.81

OUTOKUMPU OY
O-K MALMINETSINTÄ

Litium ANALYYSITULOKSIA

3.9.1984

K. Mäkelä UKP

numero	Li mg/kg		nro.	Li mg/kg		nro.	Li mg/kg		
84. 38922	6	84.	38946	28	84.	38973	2		
38923	8		38947	16		38974	6		
38924	13		38948	18		38975	11		
38925	10		38949	17		38976	6		
38926	12		38950	21		38977	6		
38927	14		38951	10		38978	6		
38928	25		38952	11		38979	8		
38929	14		38953	10		38980	16		
38930	7		38954	9		38981	26		
			38955	12		38982	11		
38795	5		38956	8		38983	2		
			38957	8		38984	8		
38931	3		38958	8		38985	5		
38932	3		38959	5		38986	6		
38933	4		38960	7		38987	7		
38934	6		38961	7		38988	11		
38935	8		38962	4		38989	11		
38936	8		38963	9		38990	12		
38937	11		38964	12		38991	14		
38938	10		38965	7		38992	14		
38939	6		38966	9		38993	15		
38940	11		38967	7		38994	18		
38941	13		38968	2		38995	17		
38942	19		38969	9		38996	18		
38943	15		38970	4		38997	5		
38944	22		38971	1		38998	18		
38945	26		38972	1		38999	8		
						39000	17		

Alaraja 6 mg/kg

1000,10.81

OUTOKUMPU OY

MALMINETSINTÄ

di ANALYYSITULOKSIA 58

Kivalo . . 19

	numero	di mg kg		numero	di mg kg		numero	di mg kg		
84	39001	9	84	37501	1	84	37528	1		
	39002	7		37502	0		37529	1		
	39003	23		37503	3		37530	1		
	39004	8		37504	0		37531	2		
5	39005	3		37505	4		37532	21		
	39006	10		37506	3		37533	4		
	39007	5		37507	5		37534	2		
	39008	26		37508	2		37535	5		
	39009	9		37509	3		37536	4		
10	39010	12		37510	4		37537	7		
	39011	2		37511	10		37538	5		
	39012	11		37512	1		37539	7		
	39013	14		37513	0		37540	7		
	39014	6		37514	1		37541	9		
15	39015	12		37515	4					
	39016	17		37516	7					
	39017	14		37517	3					
	39018	19		37518	1					
	39019	16		37519	0					
20	39020	17		37520	10					
	39021	7		37521	3					
	39022	5		37522	3					
	39023	8		37523	2					
	39024	12		37524	1					
25	39025	11		37525	10					
				37526	6					
27				37527	1					

numero									
39026	22		39053	25					
39027	24		39054	26					
39028	18		39055	25					
39029	21		39056	30					
39030	18		39057	24					
39031	16		39058	17					
39032	19		39059	17					
39033	18		39060	21					
39034	18								
39035	18								
39036	14								
39037	16								
39038	16								
39039	17								
39040	17								
39041	18								
39042	17								
39043	23								
39044	27								
39045	22								
39046	21								
39047	21								
39048	23								
39049	25								
39050	23								
39051	29								
39052	23								

OUTOKUMPU OY
MALMINETSINTÄ

AAS ANALYYSITULOKSIA 60

K. Mäkelä

1.3.1985

	Li		Li		Li			
numero	mg/kg		Nro	mg/kg		Nro	mg/kg	
84 39061	0.005		84 39088	0.004		84 39115	0.010	
39062	0.014		39089	0.002		39116	0.015	
39063	0.014		39090	0.007		39117	0.011	
39064	0.011		39091	0.004		39118	0.015	
39065	0.013		39092	0.006		39119	0.011	
39066	0.016		39093	0.008		39120	0.012	
39067	0.010		39094	0.008		39121	0.007	
39068	0.014		39095	0.006		39122	0.013	
39069	0.009		39096	0.006		39123	0.014	
39070	0.010		39097	0.016		39124	0.008	
39071	0.003		39098	0.004		39125	0.006	
39072	0.006		39099	0.005		39126	0.005	
39073	0.011		39100	0.005		39127	0.010	
39074	0.010		39101	0.003		39128	0.005	
39075	0.008		39102	0.006		39129	0.010	
39076	0.011		39103	0.005		39130	0.010	
39077	0.011		39104	0.004		39131	0.005	
39078	0.008		39105	0.002		39132	0.004	
39079	0.010		39106	0.005		39133	0.005	
39080	0.007		39107	0.003		39134	0.006.	
39081	0.004		39108	0.009		39135	5.	
39082	0.005		39109	0.010		39136	8.	
39083	0.006		39110	0.013		39137	14.	
39084	0.007		39111	0.016		39138	5.	
39085	0.006		39112	0.019		39139	6.	
39086	0.007		39113	0.017		39140	13.	
39087	0.005		39114	0.012				

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OUTOKUMPU OY
MALMINETSINTÄ

Li ANALYYSITULOKSIA 61

21.3.1985

K. Mäkelä

numero	Li mg/kg		Ni:o	Li mg/kg		Ni:o	Li mg/kg		
84. 39141	10		84. 39168	10		84. 39195	6		
39142	7		39169	15		39196	5		
39143	8		39170	14		39197	8		
39144	12		39171	20		39198	6		
39145	18		39172	12		39199	8		
39146	19		39173	16		39200	4		
39147	30		39174	15		39201	6		
39148	11		39175	20		39202	13		
39149	11		39176	20		39203	13		
39150	14		39177	17		39204	14		
39151	22		39178	14		39205	21		
39152	14		39179	15		39206	12		
39153	11		39180	25		39207	20		
39154	11		39181	17		39208	16		
39155	20		39182	8		39209	33		
39156	27		39183	31		39210	15		
39157	22		39184	10		39211	13		
39158	20		39185	12		39212	12		
39159	15		39186	11		39213	14		
39160	19		39187	9		39214	15		
39161	12		39188	12		39215	14		
39162	14		39189	15		39216	16		
39163	5		39190	7		39217	16		
39164	13		39191	4		39218	10		
39165	8		39192	7		39219	10		
39166	8		39193	9		39220	11		
39167	8		39194	7					

1000,10,81

OUTOKUMPU OY
MALMINETSINTÄ

Li ANALYYSITULOKSIA

K. MÄKELÄ . . 19

	numero	Li mg/kg		numero	Li mg/kg		numero	Li mg/kg		
84	39221	20		39248	9		39275	13		
	39222	10		39249	15		39276	8		
	39223	15		39250	3		39277	22		
	39224	8		39251	3		39278	8		
5	39225	14		39252	6		39279	19		
	39226	10		39253	7		39280	13		
	39227	20		39254	10		39281	14		
	39228	9		39255	14		39282	8		
	39229	13		39256	10		39283	11		
10	39230	10		39257	21		39284	11		
	39231	15		39258	15		39285	10		
	39232	13		39259	22		39286	9		
	39233	29		39260	18		39287	4		
	39234	19		39261	16		39288	8		
15	39235	14		39262	7		39289	21		
	39236	6		39263	18		39290	13		
	39237	7		39264	11		39291	16		
	39238	11		39265	8		39292	13		
	39239	10		39266	6		39293	14		
20	39240	7		39267	14		39294	16		
	39241	9		39268	11		39295	14		
	39242	8		39269	21		39296	8		
	39243	8		39270	18		39297	7		
	39244	11		39271	11		39298	5		
25	39245	11		39272	7		39299	8		
	39246	10		39273	22		39300	5		
27	39247	9		39274	9					