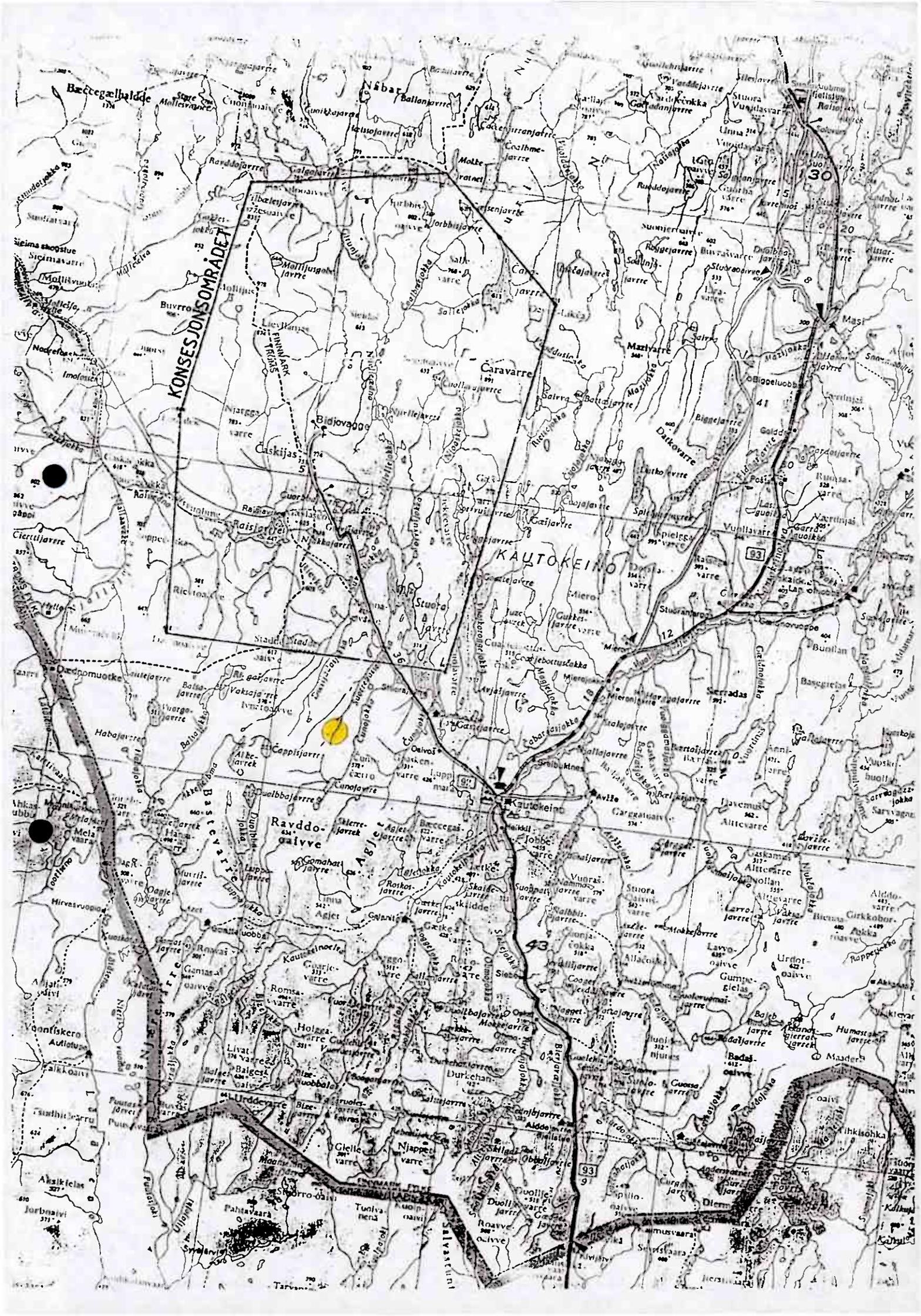


DÆL'LJADAS



KONSERJONSOMRÅDET

KAUTOKEINO

RAVDO-OAIVVE



43

30

15

20

41

30

5

12

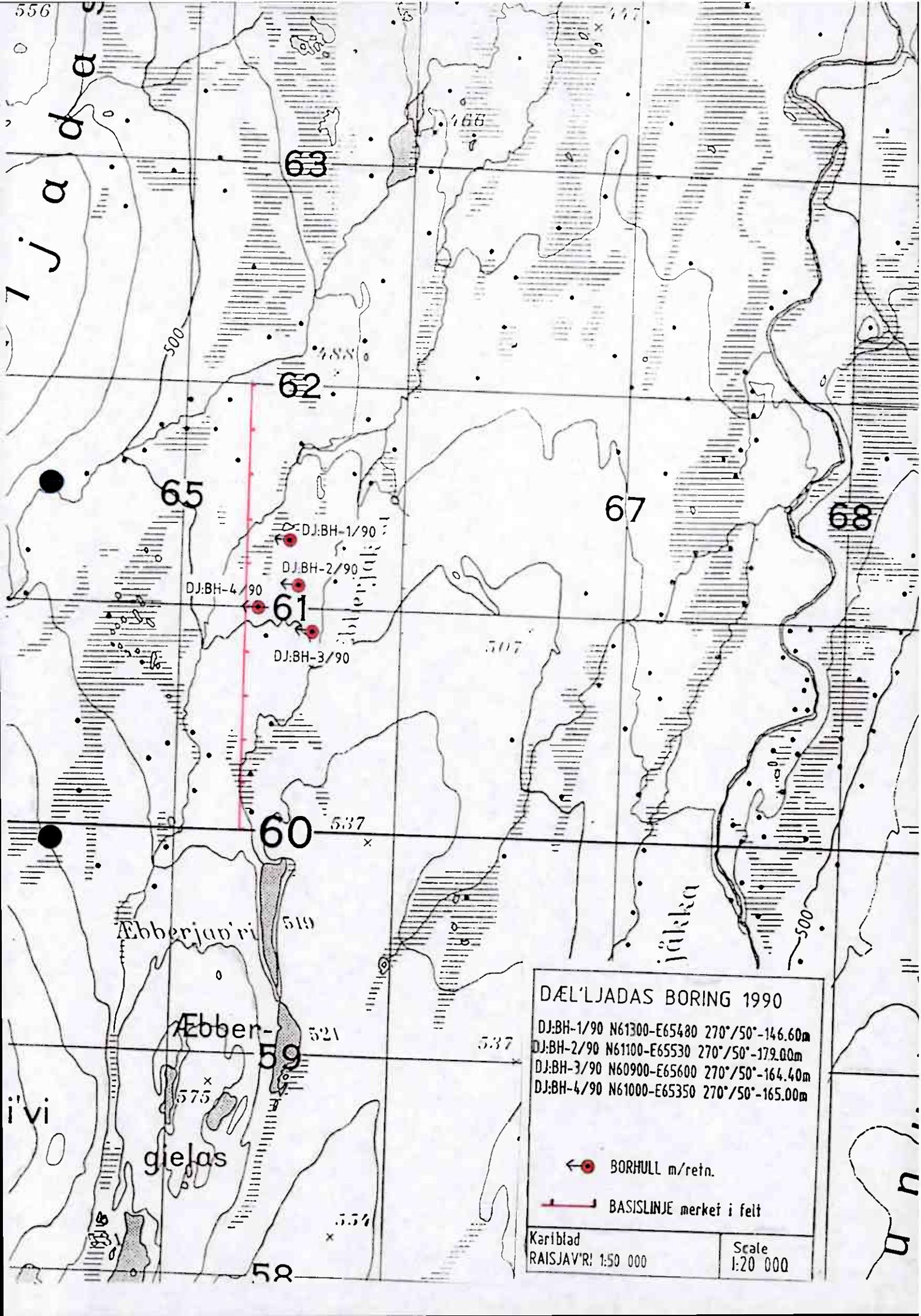
43

93

93

93

Map containing numerous place names in Finnish, including: Näbar, Ballanjarre, Caravarre, Kautokeino, Ravdo-oaivve, and many others. The map also shows a network of roads and rivers.



DÆL'LJADAS BORING 1990

DJ:BH-1/90 N61300-E65480 270°/50°-146.60m
 DJ:BH-2/90 N61100-E65530 270°/50°-179.00m
 DJ:BH-3/90 N60900-E65600 270°/50°-164.40m
 DJ:BH-4/90 N61000-E65350 270°/50°-165.00m

←● BORHULL m/retn.
 ──┬── BASISLINJE merket i felt

Kartblad RAISJAVRI: 1:50 000	Scale 1:20 000
---------------------------------	-------------------

DÆLLJADAS

Dette område ligger ca 30 km syd for graven ikke langt fra kontakten mellom grønnstein og underliggende gneissen. A/S Sydvaranger har undersøkt plassen tidlig på 80-tallet med kartering og litt geokjemi. På grunnlag av dette kjennes området å være anomalisk med hensyn til kobber.

En liten del av området (2 kvadratkilometer) ble utvalgt for slingram-magnetisk måling på våren-90. På sommeren reviderte Kjell Nilsen (UiO) områdets geologiske kartering i større detalj og fant ut at svak kobbermineralisering muligens følger magnetiske soner i feltet. På plassen finnes også yngre granittiske intrusjoner, som kan ha hatt en positiv innflytelse på konsentrasjon av metaller. Senere på høsten ble noen IP-profiler målt over muligens mineraliserte soner, men resultatene ble ubestemt.

På grunnlag av geofysikk, kartering og tidligere geokjemi ble fire borrhull sunket i området, tilsammen 655 meter. Malmen fant vi ikke, for det meste ble diabas (amfibolitt) skjært med lave kobbergehalter (max 0,55 %). Selv om denne boringen var geologens kjempetabbe, bevarer området sitt malmpotensial. Etter Kjell Nilsens mening er denne sonen, hvor lavhaltige kobber kan forekomme fem kilometer lang og opptil 40 meter bred og gir ingen respons på EM-geofysikk. Med videre geokjemi og magnetiske målinger er det sannsynlig å finne mer lovende plasser i denne sonen.

Bidjovagge, 5.4.1991


Risto Anttonen
geolog

Fordeling:	BIDJOVAGGE:	TØ, HA, ME, RSA, ARKIV
	TRONDHEIM :	TYSLAND, HEIM
	OUTOKUMPU :	PALVIAINEN, ROSENQVIST
	OSLO :	BJØRLYKKE

BORHULL PÅ DÆLLJADAS, B 1833 III RAISJAVRI

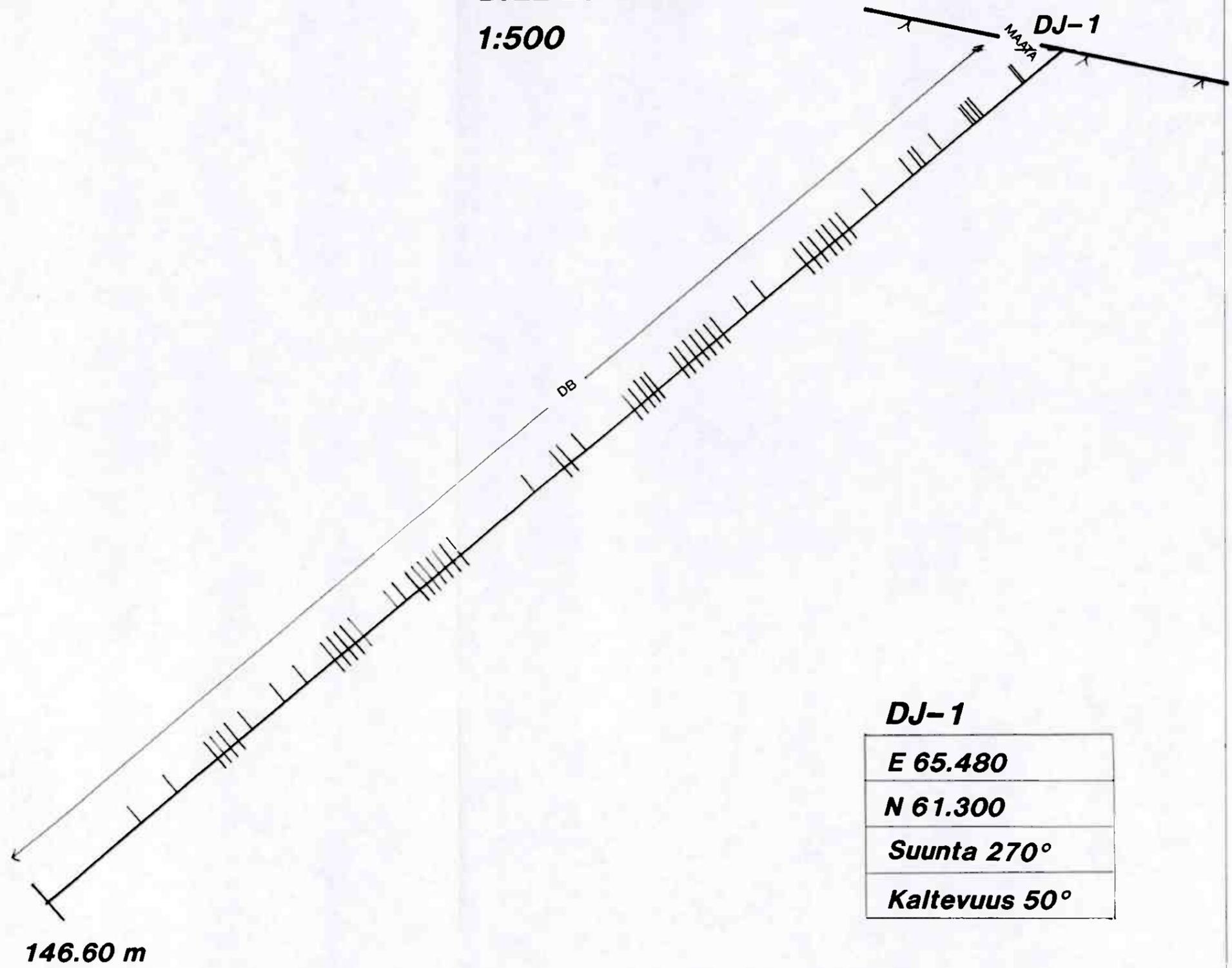
Hull	X N	Y Ø	Retn.	Fall	Lengde	År
Dællj. # 1	61300	65480	270°	50°	146.6	-90
# 2	61100	65530	270°	50°	179.0	-90
# 3	60900	65600	270°	50°	164.4	-90
Dællj. # 4	61000	65350	270°	50°	165.0	-90

655.0

281A
MATHOST

DJ-1

**KAUTOKEINO,
DÆL' LJADAS
1:500**



Reikä n:o

1

Leikkaus n:o

Dalljados

1970

Syvyys m	Kivilaji- lyhennys	Kivilajiseloste	Pituus m	Analyysit																
				Kalkosi. 26	Saiteily 31	Cu 36	Au 41	Cu+Au 46	51	56	61	66	N:o							
19.70																				
20.50	DIABAS	OPPSKUKKET, BREKSIERT, FINNORNET DIABAS MED KLORITT, SEMSITT PÅ SPREKKERUM KLORITT, SEMSITT PÅ SPREKKERUM	0.50																	
21.70	DIABAS	SVÆRT FINNORNET DIABAS MASSIV, NOEN FÅ SULFID- KORN	1.20	1-3																
27.00 27.00	DIABAS	FINNORNET LETT FOLIERT DIABAS (FOLIATION SEMIPARALLEL) BORHULL MED SPREKKER OG SØNER (3m) MED ALBITT, AMF, KLORITT OG NOE SULFID.	9.30	1-3																
31.00	DIABAS	FINNORNET DIABAS MED NOEN LERADITID, AMF, NOEN ALBITTISENTE SPREKKER	4.0																	
32.00	DIABAS	FINNORNET LETT FOLIERT DIABAS, EN DEL ALBITT OG SPREKKER (20° EL KSEINDE) MED KOBBERKIS MIN.	6.0			0.05	0.0													65467
33.00	DIABAS					0.03	0.0													90 65468
34.00	DIABAS					0.06	0.0													90 65469 68
35.00	"					0.08	0.0													90 65470 69
36.00	"					0.04	0.0													90 65471 70
37.00	"					0.21	0.1													90 65472 71
																				90 65473 72

Reikä n:o

1

Leikkaus n:o

Dølljodas

1990

Syvitys m	Kivilajit lyhennys	Kivilajiseloste	Pituus m	Analyser											
				26	31	36	41	46	51	56	61	66	N:o		
43.00	DIABAS	HØJDELEN MIDDELSTIL FINKØRNEN DIABAS. LITE MINERALISERING FØLJERT OG OPPSKULLET DIABAS HVOR DET ER NOE ALBITTISERING OG VEGST AV AMPIBOL LØSL SPREKKER/FOLIASJON. NOE KØBBEKIS I SPREKKER	60												
48.50	DIABAS	FINKØRNEN TIL MIDDELSTIL DIABAS MED LØSL GRANATVEKST OG ALBITT NOEN SPREKKER	250												
49.00	DIABAS	FINKØRNEN TIL MIDDELSTIL DIABAS MED LØSL GRANATVEKST OG ALBITT NOEN SPREKKER	450												
50.00	DIABAS	DIABAS MED GRANATER (KUNNER)				0.02	0.0							90	65473
51.00	"	LØSL ALBITTISERING OG KORRUPSJON				0.11	0.0								74
52.00	"	KORRUPSJON				0.04	0.0								75
53.00	"	KØBBEKIS PÅ SPREKKER				0.10	0.0								76
54.00	"	OG PUNKTER, SPESIELT I FORBINDELSE MED ALBITT				0.03	0.0								77
55.00	"	FORBINDELSE MED ALBITT				0.01	0.0							90	65478
58.60	DIABAS	MASSIV FINKØRNEN DIABAS NOEN KORRUPSJON PÅ 56 M	360												
59.00	DIABAS	ALBITTISERT OG KORRUPSJON	0.40			0.04	0.0							90	65479
60.00	DIABAS	EPIDOT, ALBITT, AMPIBOL	1 M			0.06	0.0							90	65480
61.00	DIABAS	EPIDOT, ALBITT, AMPIBOL	1.0 M			0.03	0.0							90	65481

Reikä n:o

1

Leikkaus n:o

Dølljadas

1990

Syvyys m	Kivilajit- lyhennys	Kivilajiseloste	Pituus m	Analyysit										N:o
				Kalkosi	Säteily	Cu	Au	Cu+Au						
19	20			26	31	36	41	46	51	56	61	66		
61	DIABAS	LETT BÄUNUSATT AV KLOTTIÄRER MED ALBITT				0.10	0.1						90 482	
62	DIABAS	LETT FOLIERE				0.22	0.0						90 65483	
69	DIABAS	KOMPACT DIABAS MED NOEN SÄNER LÄRNT, KLOTTI, ALBITT 6540-660	70											
71	DIABAS	FINGORNET DIABAS MED AMYLOLER (0.3mm o/hi)												
72	DIABAS	FINGORNET DIABAS MED AMYLOLER LITT KUBBERIS	1.0			0.02	0.0						90 65484	
7703	DIABAS	FINGORNET DIABAS MED ENKELTE AMYLOLER NOEN SPRECKER MED ALBITT LITT KUBBERIS VIN	4.3											
870	DIABAS	FINGORNET TIL NIDRESKAPNE RELATIVT KOMPACT DIABAS, LETT FOLIERE MED NOEN ALBITT BAND VED 85 60												
880	DIABAS	FINGORNET MED KSERIVE- PARALLELE SPRECKER				0.02	0.1						90 65485	
890						0.01	0.1						486	
900		MED ALBITT OUVARVING,				0.03	0.0						487	
910		KLOTTI OG KUBBERIS				0.03	0.0						488	
920		NOE RYSENE FELSIS				0.02	0.0						489	
930		DIABAS ENN TIDLIGERE				0.01	0.0						90 65490	

TILAAJA: R. ANTONEN/BIDJOVAGGE
 ALUE: DAELJADAS

LASK.P: BIDJO
 KARTTAL.:

OPER: MLM 226
 JAKELU: MLM

← R.N° 1

	9065467	9065468	9065469	9065470	9065471	9065472
	%	%	%	%	%	%
SI02	49.1	51.7	49.8	50.8	50.9	48.0
TI02	1.36	1.45	1.51	1.50	1.51	1.41
AL203	11.8	12.1	13.0	12.7	13.1	11.4
CR203	0.0333	0.0339	0.0388	0.0382	0.0412	0.0413
V203	0.0463	0.0447	0.0473	0.0467	0.0446	0.0470
FE0	14.79	12.15	12.68	11.54	11.27	12.72
MNO	0.129	0.133	0.143	0.155	0.137	0.144
MGO	6.57	6.29	7.18	7.52	7.53	7.60
CA0	6.82	7.30	6.53	7.13	7.13	10.1
RB20	0.0012	0.0011	0.0063	0.0013	0.0012	0.0030
SRO	0.0070	0.0105	0.0111	0.0087	0.0095	0.0101
BA0	0.008	0.006	0.009	0.004	0.003	0.010
NA20	6.45	6.88	6.38	6.40	6.33	5.01
K20	0.454	0.375	0.910	0.538	0.612	0.817
ZR02	0.0089	0.0096	0.0105	0.0096	0.0110	0.0095
P205	0.140	0.132	0.133	0.148	0.145	0.125
CO2						
OKSUM	98.5	98.8	98.7	98.8	98.9	98.7
CU	0.0489	0.0295	0.0603	0.0805	0.0043	0.212
NI	0.0132	0.0084	0.0106	0.0079	0.0095	0.0143
CO	0.0112	0.0052	0.0039	0.0064	0.0039	0.0094
ZN	0.0029	0.0032	0.0041	0.0039	0.0025	0.0033
PB	0.001	0.000	0.000	0.000	0.001	0.001
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	1.07	0.108	0.116	0.214	0.012	1.58
AS	0.0007	0.0009	0.0008	0.0010	0.0001	0.0002
SB	0.000	0.000	0.000	0.000	0.000	0.002
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0024	0.0018	0.0026	0.0022	0.0026	0.0024
NB	0.0010	0.0009	0.0007	0.0008	0.0010	0.0007
MO	0.0050	0.0000	0.0000	0.0000	0.0000	0.0012
SN	0.003	0.001	0.002	0.002	0.000	0.000
W	0.000	0.000	0.001	0.000	0.000	0.000
PT						
CL	0.093	0.080	0.103	0.098	0.104	0.215
BR						
TH	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U	0.0002	0.0005	0.0009	0.0002	0.0007	0.0003
CS	0.005	0.003	0.005	0.002	0.005	0.001
LA	0.002	0.000	0.001	0.002	0.001	0.000
CE	0.003	0.003	0.002	0.003	0.003	0.003
PR						
ND						
SM						
EU						
GD						
TR						
OY						
HO						
ER						
TM						
YB						
LU						
HF						
TA	0.002	0.000	0.001	0.001	0.000	0.001
LOI						

OUTOKUMPU OY, MINING SERVICES, GEOANALYTTINEN LABORATORIO
 XRF-ANALYYSITULOKSIA 11.02.91

TILAAJA: R. ANTONEN/BIDJOVAGGE
 ALUE: DAELJADAS

LASK.P: BIDJO
 KARTTAL.:

OPER: MLM 226
 JAKELU: MLM

2221

	9065473	9065474	9065475	9065476	9065477
	%	%	%	%	%
SI02	45.8	49.1	50.9	48.9	51.9
TI02	1.55	1.51	1.29	1.41	1.44
AL203	11.8	12.8	12.0	11.9	12.6
CR203	0.0389	0.0331	0.0340	0.0364	0.0358
V203	0.0488	0.0479	0.0377	0.0421	0.0428
FE0	16.27	13.48	13.08	13.98	12.43
MNO	0.175	0.149	0.129	0.137	0.120
MGO	8.53	6.59	6.36	6.67	6.13
CA0	7.89	6.92	7.23	8.12	5.81
RB20	0.0042	0.0015	0.0008	0.0011	0.0005
SRO	0.0085	0.0114	0.0154	0.0107	0.0076
BA0	0.010	0.005	0.006	0.008	0.006
NA20	5.02	6.56	7.02	6.35	7.70
K20	0.848	0.561	0.326	0.435	0.309
ZR02	0.0115	0.0103	0.0092	0.0095	0.0097
P205	0.129	0.142	0.120	0.121	0.133
CO2					
OKSUM	98.3	98.6	98.7	98.6	98.8
CU	0.0252	0.113	0.0411	0.101	0.0268
NI	0.0118	0.0214	0.0086	0.0095	0.0078
CO	0.0049	0.0085	0.0034	0.0061	0.0043
ZN	0.0042	0.0034	0.0032	0.0045	0.0029
PB	0.001	0.002	0.001	0.001	0.001
AG	0.000	0.000	0.000	0.000	0.000
S	0.092	0.802	0.060	0.485	0.071
AS	0.0002	0.0004	0.0003	0.0002	0.0005
SB	0.000	0.000	0.000	0.000	0.000
BI	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000
Y	0.0028	0.0027	0.0017	0.0022	0.0019
NB	0.0010	0.0011	0.0007	0.0006	0.0006
MO	0.0000	0.0001	0.0000	0.0000	0.0000
SN	0.003	0.001	0.001	0.002	0.000
W	0.001	0.000	0.000	0.000	0.001
PT					
CL	0.136	0.105	0.065	0.077	0.055
BR					
TH	0.0000	0.0000	0.0000	0.0000	0.0000
U	0.0005	0.0005	0.0004	0.0008	0.0004
CS	0.002	0.002	0.002	0.000	0.002
LA	0.002	0.002	0.001	0.001	0.002
CE	0.004	0.002	0.000	0.002	0.001
PR					
ND					
SM					
EU					
GD					
TB					
DY					
HO					
ER					
TM					
YB					
LU					
HF					
TA	0.000	0.001	0.000	0.001	0.000
LOT					

OUTOKUMPU OY, MINING SERVICES, GEOANALYTTINEN LABORATORIO
 XRF-ANALYYSITULOKSIA

11.02.91

TILAAJA: R. ANTONEN/BIDJOVAGGE
 ALUE: DAELJADAS

LASK.P:
 KARTTAL.:

OPER: MLM 226
 JAKELU: MLM

2-2-1

	9065478	9065479	9065480	9065481	9065482	9065483
	%	%	%	%	%	%
SI02	50.8	49.5	46.2	49.5	49.5	49.1
TI02	1.51	1.52	1.34	1.42	1.07	0.899
AL203	13.3	13.4	11.9	12.9	12.5	12.0
CR203	0.0378	0.0380	0.0349	0.0370	0.0253	0.0228
V203	0.0478	0.0470	0.0466	0.0441	0.0413	0.0394
FE0	11.64	13.62	17.32	12.61	12.27	12.21
MNO	0.147	0.0973	0.102	0.112	0.113	0.130
MGO	7.53	7.08	7.34	7.35	7.67	9.20
CA0	5.77	4.10	5.68	6.99	7.88	7.93
RB20	0.0051	0.0141	0.0079	0.0058	0.0020	0.0063
SRO	0.0071	0.0046	0.0049	0.0082	0.0074	0.0084
BA0	0.009	0.013	0.008	0.008	0.007	0.008
NA20	6.02	6.76	6.03	6.31	6.06	5.47
K20	0.892	1.89	1.14	0.982	0.688	0.769
ZR02	0.0106	0.0101	0.0090	0.0092	0.0065	0.0052
P205	0.154	0.135	0.146	0.128	0.081	0.075
CO2						
OKSUM	98.8	98.6	98.2	98.7	98.7	98.7
CU	0.0116	0.0437	0.0612	0.0268	0.0983	0.225
NI	0.0096	0.0084	0.0163	0.0090	0.0137	0.0134
CO	0.0043	0.0089	0.0117	0.0058	0.0100	0.0074
ZN	0.0035	0.0039	0.0025	0.0024	0.0024	0.0031
PB	0.001	0.001	0.001	0.000	0.001	0.000
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	0.039	0.416	1.34	0.267	1.05	0.846
AS	0.0000	0.0004	0.0003	0.0004	0.0002	0.0011
SB	0.000	0.000	0.000	0.000	0.000	0.000
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0026	0.0019	0.0014	0.0021	0.0023	0.0022
NB	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
MO	0.0000	0.0002	0.0002	0.0000	0.0024	0.0014
SN	0.002	0.002	0.001	0.002	0.002	0.001
W	0.001	0.000	0.001	0.000	0.001	0.001
PT						
CL	0.075	0.076	0.076	0.089	0.089	0.085
BR	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TH	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000
U	0.0001	0.0010	0.0002	0.0002	0.0016	0.0007
CS	0.001	0.003	0.003	0.003	0.000	0.005
LA	0.000	0.003	0.002	0.001	0.000	0.002
CE	0.002	0.004	0.002	0.002	0.002	0.002
PR	0.000	0.000	0.000	0.000	0.000	0.000
NO	0.00	0.00	0.00	0.00	0.01	0.00
SM	0.00	0.00	0.00	0.00	0.00	0.00
EU	0.00	0.00	0.00	0.00	0.00	0.00
GD	0.00	0.00	0.00	0.00	0.00	0.00
TB	0.00	0.00	0.00	0.00	0.00	0.00
DY	0.00	0.00	0.00	0.00	0.00	0.00
HO	0.00	0.00	0.00	0.00	0.00	0.00
ER	0.00	0.00	0.00	0.00	0.00	0.00
TM	0.00	0.00	0.00	0.00	0.00	0.00
YB	0.00	0.00	0.00	0.00	0.00	0.00
LU	0.00	0.00	0.00	0.00	0.00	0.00
HF	0.001	0.002	0.001	0.001	0.001	0.000
TA	0.000	0.001	0.001	0.000	0.000	0.000
LOI						

OUTOKUMPU OY, MINING SERVICES, GEOANALYTTINEN LABORATORIO
 XRF-ANALYYSITULOKSIA

11.02.91

TILAAJA: R. ANTONEN/BIDJOVAGGE
 ALUE: DAELJADAS D1-D2-D3

LASK.P:
 KARTTAL.:

OPER: MLM 227-228
 JAKELU: MLM

R₂ = 1

	9065484	9065485	9065486	9065487	9065488	9065489
	%	%	%	%	%	%
SI02	50.4	51.6	49.8	51.6	56.9	56.3
TI02	1.12	1.19	1.09	0.877	0.801	0.451
AL203	13.2	13.2	13.4	13.7	14.8	17.9
CR203	0.0459	0.0497	0.0487	0.0377	0.0243	0.0088
V203	0.0422	0.0441	0.0427	0.0355	0.0220	0.0147
FE0	11.55	10.14	11.55	9.83	6.10	5.89
MNO	0.182	0.137	0.168	0.149	0.0924	0.0779
MGO	8.09	7.58	7.78	6.84	4.59	3.30
CA0	8.33	8.86	8.99	8.87	6.86	5.43
RB20	0.0009	0.0014	0.0010	0.0037	0.0049	0.0071
SR0	0.0102	0.0130	0.0143	0.0235	0.0272	0.0381
BA0	0.002	0.006	0.009	0.023	0.027	0.034
NA20	5.29	5.32	5.00	5.42	7.04	7.95
K20	0.259	0.450	0.612	1.01	1.14	1.41
ZR02	0.0078	0.0080	0.0080	0.0092	0.0407	0.0144
P205	0.099	0.095	0.104	0.153	0.530	0.363
CO2						
OKSUM	98.8	98.9	98.8	99.0	99.4	99.4
CU	0.0174	0.0181	0.0129	0.0355	0.0351	0.0223
NI	0.0103	0.0089	0.0100	0.0098	0.0086	0.0042
CO	0.0054	0.0058	0.0054	0.0062	0.0049	0.0053
ZN	0.0038	0.0030	0.0035	0.0029	0.0020	0.0018
PB	0.000	0.000	0.001	0.001	0.000	0.001
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	0.109	0.128	0.112	0.396	0.506	0.325
AS	0.0005	0.0006	0.0003	0.0004	0.0005	0.0000
SB	0.000	0.000	0.000	0.000	0.000	0.000
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0020	0.0019	0.0021	0.0021	0.0017	0.0013
NB	0.0003	0.0006	0.0005	0.0006	0.0011	0.0010
MO	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000
SN	0.002	0.002	0.002	0.001	0.001	0.001
W	0.001	0.000	0.001	0.001	0.000	0.001
PT						
CL	0.129	0.110	0.151	0.132	0.069	0.091
BR						
TH	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000
U	0.0008	0.0003	0.0008	0.0010	0.0007	0.0003
CS	0.003	0.003	0.004	0.003	0.003	0.006
LA	0.003	0.004	0.002	0.003	0.004	0.002
CE	0.003	0.002	0.004	0.004	0.013	0.008
PR						
ND						
SM						
EU						
GD						
TB						
OY						
HO						
ER						
TM						
YB						
LU						
HF						
TA	0.001	0.001	0.000	0.001	0.000	0.000
LOI						

OUTOKUMPU OY, MINING SERVICES, GEONALYTTINEN LABORATORIO
 XRF-ANALYYSITULOKSIA 11.02.91

TILAAJA: R. ANTONEN/BIDJOVAGGE
 ALUE: OAJLJADAS 01-02-03

LASK.P:
 KARTTAL.:

OPER: MLM 227-228
 JAKELU: MLM

2.32.91

	9065490	9065491	9065492	9065493	9065494	9065495
	%	%	%	%	%	%
SI02	52.4	51.5	49.4	49.7	52.1	50.8
TIO2	0.912	1.10	0.961	0.894	0.726	0.820
AL2O3	13.9	13.7	14.1	13.9	15.4	14.0
CR2O3	0.0381	0.0479	0.0466	0.0411	0.0219	0.0428
V2O3	0.0339	0.0404	0.0424	0.0417	0.0318	0.0405
FeO	9.36	10.05	11.00	10.67	9.03	10.09
MNO	0.157	0.119	0.126	0.129	0.127	0.155
MGO	6.15	7.22	8.34	8.43	6.17	7.69
CAO	9.18	8.58	8.82	9.25	8.64	10.1
RB2O	0.0030	0.0018	0.0021	0.0018	0.0022	0.0029
SRO	0.0324	0.0109	0.0093	0.0111	0.0262	0.0198
BAO	0.020	0.006	0.006	0.005	0.008	0.011
NA2O	5.53	5.77	5.15	4.95	5.70	4.15
K2O	0.864	0.476	0.529	0.626	0.580	0.675
ZRO2	0.0151	0.0073	0.0061	0.0055	0.0079	0.0052
P2O5	0.192	0.077	0.077	0.071	0.189	0.070
CO2						
OKSUM	99.0	99.0	98.9	98.9	99.1	99.0
CU	0.0112	0.0213	0.0150	0.0070	0.0262	0.0802
NI	0.0102	0.0083	0.0108	0.0094	0.0069	0.0109
CO	0.0058	0.0052	0.0062	0.0054	0.0046	0.0063
ZN	0.0041	0.0022	0.0026	0.0025	0.0023	0.0047
PB	0.001	0.000	0.001	0.000	0.001	0.001
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	0.104	0.288	0.208	0.102	0.174	0.208
AS	0.0003	0.0004	0.0005	0.0006	0.0000	0.0004
SB	0.000	0.000	0.000	0.000	0.000	0.000
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0018	0.0016	0.0018	0.0020	0.0021	0.0015
NB	0.0011	0.0006	0.0007	0.0008	0.0004	0.0006
MO	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
SN	0.001	0.002	0.003	0.001	0.003	0.002
W	0.001	0.001	0.001	0.000	0.001	0.000
PT						
CL	0.120	0.103	0.116	0.127	0.124	0.069
BR						
TH	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
U	0.0006	0.0002	0.0002	0.0011	0.0006	0.0006
CS	0.003	0.001	0.002	0.000	0.003	0.002
LA	0.002	0.001	0.000	0.001	0.003	0.002
CE	0.005	0.004	0.002	0.003	0.003	0.004
PR						
ND						
SM						
EU						
GD						
TB						
OY						
HO						
ER						
TM						
YB						
LU						
HF						
TA	0.001	0.000	0.000	0.000	0.000	0.000
LOI						

GEOANALYTTINEN LABORATORIO

1-FE2-S1

ANALYSOIJAJ: TNK
 TILAAJA: RSA/BIDJO
 LAATU: KIVI
 LIUOTUSMENETELMA: AR
 ALUE: D1/BIDJO
 LASKENTAPAIIKKA: D1

ATOMIABSORPTIOANALYYSIEN TULOKSIA
 PITOISUUSYKSIKKO: MG/KG (PPM)
 FE, AS, MG, AL, CA -PITOISUUSYKSIKKO: %

AU	9065467 0.0	9065468 0.0	9065469 0.0	9065470 0.0	9065471 0.0	9065472 0.1
AU	9065478 0.0	9065479 0.0	9065480 0.0	9065481 0.0	9065482 0.1	9065483 0.0
AU	9065489 0.0	9065490 0.0	9065491 0.0	9065492 0.0	9065493 0.0	9065494 0.0

GEOANALYYTTINEN LABORATORIO

1-PEE-01

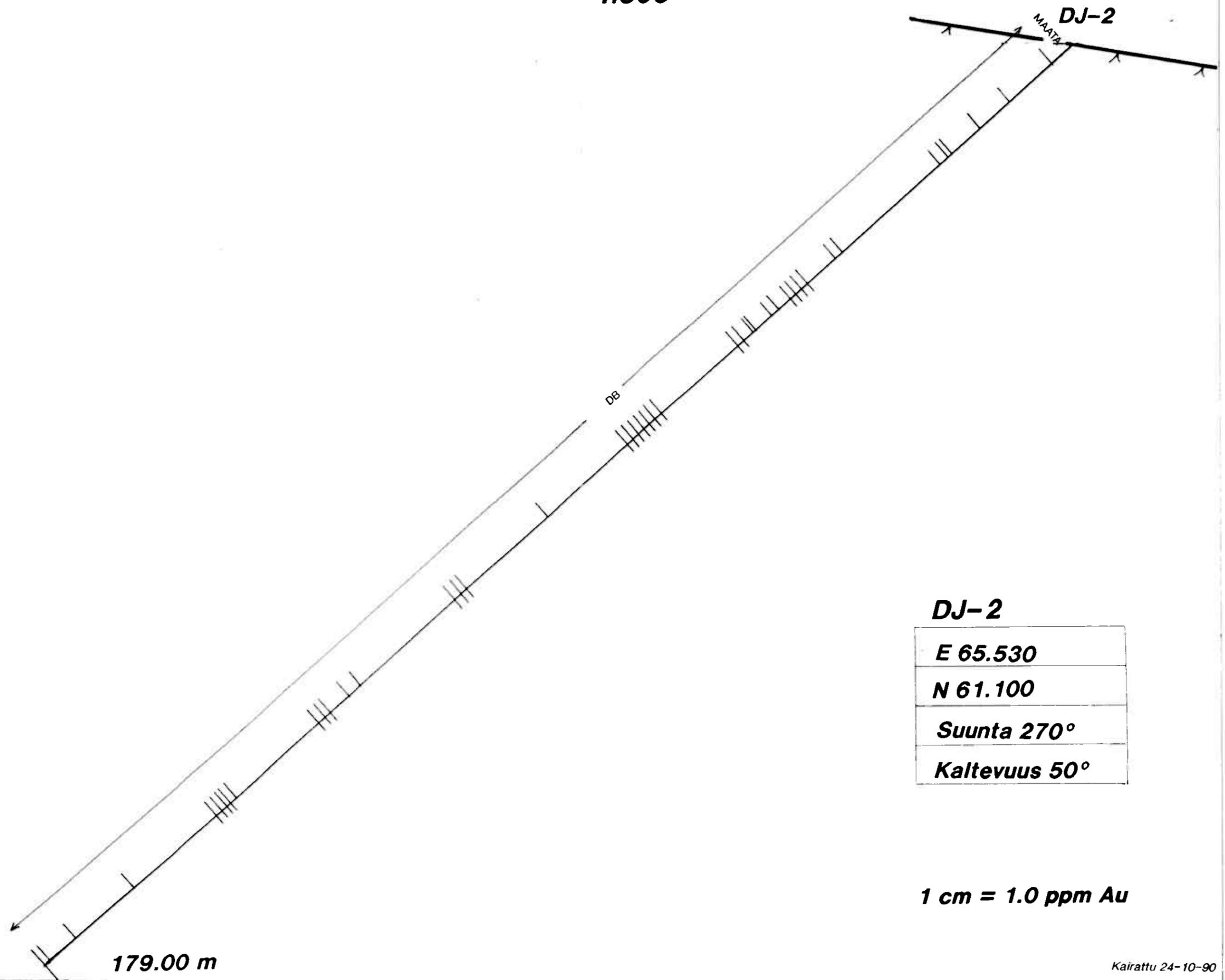
ANALYSOIJAJA: TMK
 TILAAJA: RSA/BIDJO
 LAATU: KIVI
 LIUOTUSMENETELMA: AR
 ALUE: D1/BIDJO
 LASKENTAPAIIKKA: D1

ATOMIABSORPTIDANALYYSIEN TULOKSIA
 PITOISUUSYKSIKKO: MG/KG (PPM)
 FE, AS, MG, AL, CA -PITOISUUSYKSIKKO: %

AU	9065467	9065468	9065469	9065470	9065471	9065472	9065473	9065474	9065475	9065476	9065477
	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
AU	9065478	9065479	9065480	9065481	9065482	9065483	9065484	9065485	9065486	9065487	9065488
	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.0
AU	9065489	9065490	9065491	9065492	9065493	9065494	9065495	9065496	9065497		
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

DJ-2

**KAUTOKEINO,
DÆL'LJADAS
1:500**



DJ-2

E 65.530
N 61.100
Suunta 270°
Kaltevuus 50°

1 cm = 1.0 ppm Au

Welljadas 1990

OUTOKUMPU OY

Kunta:

Leikkaus n:o

8
17
20

Reikä n:o

12
25
33
41

Esiintymä:

Suunta:

Koordinaatit X:

Sijainti:

Kaltevuus:

Y:

KAIRAUSRAPORTTI

Kairattu aikana:

Geologi:

Lisätietoja:

Kaltevuusmittaukset	16 17	24 25	32 33	40 41	48 49	56 57	64 65	72 73
	m	m	m	m	m	m	m	m
	m	m	m	m	m	m	m	m

Syvyys m	Kivilajilyhennys	Kivilajiseloste	Analyysit								N:o	
			49 KATKOSL.	51 SÄTEILY	53 PITUUS	55 Cu	57 Au	59 Cu+Au	61	63		65
19,20			26	31	36	41	46	51	56	61	66	
4,50	JOKI											
12,0	DIABAS	MIDDELS TIL FINL. MNET P. VITRET DIABAS MEN SÄRISIT, OPPSUKUET	210		7,50							
52,0	DIABAS	FIN TIL MIDDELSKORNET KUMPAUT DIABAS MED EIVHEITE EPIDOT-KORIT - ALBIT SPREKKEN	2		10,0							
27,5	DIABAS	ALBITISERT DIABAS MED HOLL PARALLELE SPREKKER, LIT KOBBERHUS OG RUST	4		0,5							
24,0	DIABAS	DIABAS MED GRANAVERKST	4		1,5							
40,9	DIABAS	FIN TIL MIDDELSKORNET DIABAS MED EIVHEITE KORIT - ALBIT - HEMATIT SPREKKER	1-2		16,9							
42	DIABAS	FINL. MNET DIABAS MED KUMPAUT - ALBIT A'ERU PARALLEL										

Reikä n:o

2

Leikkaus n:o

● Delljadas

1990

Syvyys m	Kivilaji- lyhennys	Kivilajiseloste	Pituus m	Analyysit												
				KALKOSI 26	SÄTEILY 31	Cu 36	Au 41	Cu+Au 46	51	56	61	66	N:o			
19.20																
47.0	DIABAS	FINKORNET DIABAS MEB SPARKER KLOKITT-ALBITI-KOMPL. SPR.	5													
48.0	DIABAS	FINKORNET DIABAS MED KOB- KLOKITT-ALBITI-KOMPL. SPR.	1.0			0.03	0.0								90	65498
49.0	DIABAS	ALBITI-KOMPL. ERID. SPR.	1.0			0.01	0.0								90	65499
50.0	DIABAS	MED LITTE-BREKKS	1.0			0.08	0.0								90	65500
52.0	DIABAS	FINKORNET DIABAS MEB NOEN KLOKITT-AMF UL ERID. SPARKER (1mm)	2.0													
53.0	DIABAS	BREKSE HVOR FINKORNETE DIABAS FRAGMENTEN (1-2cm) FLYTER I EN ERID. ALBITI MARIKS	1.0													
56.0	DIABAS	FINKORNET DIABAS MEB NOEN MÅRKE KLOKITT- AMFID-SINER	3.0													
56.3	DIABAS	KLOKITT-SLEPPE														
58.0	DIABAS	KOMPL. FINKORNET DIABAS MEB NOEN HULL-PARALLELE KLOKITT-SINER	2.0													
59.0	DIABAS	FINKORNET DIABAS MEB KLOKITT-LANDRI-HANF B. SPARKER PARALLELT HULL MED KOBREKKS				0.12	0.0								90	65501

Syvyys m	Kivilaji- lyhennys	Kivilajiseloste	Analyysit									
			Kaivosluoto	Sisäly	Puus	Cu	As	Cu+As				N:o
1920			26	31	36	41	46	51	56	61	66	
1269	ALBITT	Rödlig grovkornet kvarts. ALBITT SONE DELS BLEKJE			2.0							
1500	Diabas	Middels til grovkornet med noe albitt-klytt- omvandling. 1/2e biotitt			3.1							
131	DIABAS	Middels til grovkornet amfibl.-biotitt ha med noe pyrit-k.klytt.			1.0	0.55	0.0					90 65510
132	DIABAS	amfibl.-biotitt ha med noe pyrit-k.klytt.			1.0	0.38	0.0					90 65511
1465	DIABAS	Middels til grovkornet biotitt-amfibl.-sensitt - o.a. PARALLEL BEKKE ET OG ANNET 1/2 1/20410 KORN			14.5							
1474	DIABAS	SLEPPESONE OL SPREKKEH. ALBITT SONE PÅ 1474			1.0 0.9							
1480	DIABAS	ALBITT - LOKALISERT			0.7	0.04	0.0					90 65512
1490	"	MIDDELSKORNET DIABAS			1.0	0.02	0.0					90 65513
1500	"	MEG ENKELTE FINKORNETE ALBITTISERTE S. MER.			1.0	0.11	0.0					90 65514
164	DIABAS	FINKORNET TIL MIDDELSKORNET KOMPAKT MED ENKELTE Kly. ALBITT SPREKKE MED LIT / SPARRISK KORBENHUS			14.0							

OUTOKUMPU OY, MINING SERVICES, GEONALYTTINEN LABORATORIO
 XRF-ANALYYSITULOKSIA

11.02.91

TILAAJA: R. ANTTONEN/BIDJOVAGGE
 ALUE: DAELJADAS 01-02-03

LASK.P:
 KARTTAL.:

OPER: MLM 227-228
 JAKELU: MLM

	<i>R^{no} 1</i>	<i>R^{no} 1</i>	<i>R^{no} 2</i>	<i>R^{no} 2</i>		
	9065496	9065497	9065498	9065499	9065500	9065501
	%	%	%	%	%	%
S302	50.9	53.4	49.3	50.6	48.0	52.7
TI02	0.895	0.840	1.69	1.64	1.33	1.20
AL203	13.3	13.7	13.2	13.1	11.0	11.7
CA203	0.0389	0.0370	0.0200	0.0212	0.0174	0.0346
V203	0.0425	0.0333	0.0503	0.0490	0.0451	0.0371
FE0	10.83	9.48	11.95	11.35	11.40	11.09
MNO	0.165	0.134	0.184	0.175	0.211	0.153
MGO	7.90	7.47	5.61	5.88	6.14	5.76
CA0	9.43	7.56	9.86	8.79	14.4	8.26
RB20	0.0040	0.0046	0.0026	0.0018	0.0023	0.0033
SRO	0.0199	0.0360	0.0116	0.0106	0.0102	0.0083
BA0	0.027	0.039	0.006	0.007	0.010	0.008
NA20	4.04	4.83	5.76	6.25	4.91	6.13
K20	0.948	1.00	0.675	0.571	0.549	0.829
ZR02	0.0072	0.0167	0.0126	0.0114	0.0094	0.0079
P205	0.087	0.247	0.151	0.147	0.131	0.128
CO2						
DKSUM	98.9	99.0	98.8	98.8	98.8	98.9
CU	0.0263	0.0155	0.0304	0.0113	0.0831	0.119
NI	0.0117	0.0116	0.0078	0.0068	0.0099	0.0139
CO	0.0048	0.0039	0.0053	0.0063	0.0079	0.0095
ZN	0.0040	0.0030	0.0048	0.0045	0.0047	0.0051
PB	0.001	0.001	0.000	0.001	0.000	0.000
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	0.145	0.160	0.096	0.065	0.639	1.10
AS	0.0002	0.0003	0.0003	0.0000	0.0001	0.0005
SB	0.000	0.000	0.000	0.000	0.000	0.000
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0018	0.0016	0.0025	0.0025	0.0025	0.0021
NB	0.0006	0.0011	0.0011	0.0010	0.0009	0.0008
MO	0.0000	0.0001	0.0000	0.0000	0.0003	0.0000
SN	0.002	0.000	0.001	0.002	0.000	0.000
W	0.001	0.000	0.001	0.000	0.000	0.001
PT						
CL	0.071	0.065	0.209	0.179	0.299	0.086
BR						
TH	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U	0.0006	0.0009	0.0003	0.0005	0.0004	0.0005
CS	0.000	0.005	0.004	0.003	0.005	0.000
LA	0.003	0.005	0.004	0.000	0.005	0.000
CE	0.003	0.006	0.005	0.002	0.004	0.001
PR						
ND						
SM						
EU						
GO						
TB						
OY						
HO						
ER						
TM						
YB						
LU						
HF						
TA	0.000	0.000	0.000	0.000	0.000	0.000
LOI						

OUTOKUMPU OY, MINING SERVICES, GEOANALYTTINEN LABORATORIO
XRF-ANALYYSITULOKSIA

11.02.91

TILAAJA: R. ANTONEN/BIDJUVAGGE
ALUE: DAELJADAS D1-D2-D3

LASK.P:
KARTTAL.:

OPER: MLM 227-228
JAKELU: MLM

Rn2

	9065502	9065503	9065504	9065505	9065506	9065507
	%	%	%	%	%	%
SI02	50.1	51.8	51.0	50.0	49.8	51.2
TI02	1.43	1.47	1.55	1.56	1.56	1.57
AL203	12.6	12.7	12.9	13.5	13.4	13.0
CR203	0.0377	0.0383	0.0374	0.0428	0.0444	0.0409
V203	0.0456	0.0462	0.0454	0.0475	0.0496	0.0480
FE0	11.67	11.22	11.60	11.73	11.98	11.40
MNO	0.174	0.164	0.169	0.160	0.161	0.167
MGO	7.31	7.43	7.63	7.89	7.89	7.34
CA0	8.71	7.08	6.83	6.61	6.56	6.88
RB20	0.0024	0.0009	0.0009	0.0018	0.0041	0.0004
SRO	0.0091	0.0070	0.0060	0.0053	0.0059	0.0080
BA0	0.008	0.005	0.002	0.005	0.009	0.003
NA20	5.53	6.26	6.23	6.29	6.25	6.40
K20	0.685	0.372	0.389	0.502	0.732	0.415
ZR02	0.0095	0.0095	0.0103	0.0108	0.0103	0.0113
P205	0.125	0.125	0.138	0.142	0.130	0.143
CO2						
OKSUM	98.8	98.9	98.8	98.8	98.8	98.8
CU	0.0373	0.0166	0.0263	0.0119	0.0026	0.0303
NI	0.0095	0.0097	0.0104	0.0107	0.0105	0.0103
CO	0.0061	0.0046	0.0055	0.0051	0.0047	0.0051
ZN	0.0055	0.0042	0.0047	0.0038	0.0048	0.0046
P8	0.000	0.001	0.001	0.001	0.001	0.001
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	0.449	0.042	0.220	0.192	0.066	0.063
AS	0.0002	0.0002	0.0006	0.0004	0.0002	0.0000
SB	0.000	0.000	0.000	0.000	0.000	0.001
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0025	0.0024	0.0023	0.0029	0.0024	0.0025
NB	0.0009	0.0006	0.0006	0.0008	0.0009	0.0009
MO	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SN	0.001	0.003	0.002	0.003	0.001	0.000
W	0.001	0.000	0.001	0.001	0.001	0.000
PT						
CL	0.135	0.102	0.104	0.107	0.097	0.089
BR						
TH	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
U	0.0008	0.0005	0.0008	0.0004	0.0005	0.0008
CS	0.007	0.000	0.002	0.003	0.005	0.004
LA	0.004	0.000	0.002	0.002	0.002	0.002
CE	0.001	0.004	0.002	0.003	0.003	0.002
PR						
ND						
SM						
EU						
GD						
TB						
DY						
HO						
ER						
TM						
YB						
LU						
HF						
TA	0.000	0.000	0.001	0.001	0.001	0.000
LOI						

OUTOKUMPU OY, MINING SERVICES, GEONALYTTINEN LABORATORIO
 XRF-ANALYYSITULOKSIA

11.02.91

TILAAJA: R. ANTONEN/BIDJOVAGGE
 ALUE: DAELJADAS D1-D2-D3

LASK.P:
 KARTTAL.:

OPER: MLM 227-228
 JAKELU: MLM

R N° 2

	9065508	9065509	9065510	9065511	9065512	9065513
	%	%	%	%	%	%
SI02	51.8	51.7	44.5	46.7	48.2	49.3
TI02	1.49	1.41	1.27	1.09	1.21	1.18
AL203	12.6	12.1	10.1	10.8	12.8	13.2
CR203	0.0384	0.0364	0.0760	0.0654	0.0456	0.0424
V203	0.0466	0.0449	0.0374	0.0372	0.0376	0.0400
FE0	11.74	11.90	15.05	14.08	10.65	10.54
MNO	0.181	0.181	0.177	0.157	0.133	0.133
MGO	6.71	6.80	14.1	11.5	9.22	7.43
CA0	7.15	7.91	7.79	8.11	10.6	10.7
RB20	0.0020	0.0019	0.0096	0.0065	0.0020	0.0020
SRO	0.0126	0.0110	0.0034	0.0080	0.0121	0.0129
BA0	0.006	0.005	0.013	0.010	0.007	0.007
NA20	6.11	5.78	2.17	3.34	4.68	5.09
K20	0.599	0.628	1.71	1.17	0.654	0.674
ZR02	0.0104	0.0093	0.0075	0.0072	0.0095	0.0080
P205	0.135	0.126	0.104	0.105	0.132	0.101
CO2						
OKSUM	98.8	98.8	98.4	98.5	98.9	98.9
CU	0.0562	0.0198	0.555	0.380	0.0390	0.0238
NI	0.0094	0.0093	0.0369	0.0230	0.0137	0.0129
CO	0.0046	0.0049	0.0079	0.0113	0.0071	0.0063
ZN	0.0061	0.0064	0.0039	0.0030	0.0026	0.0026
PB	0.001	0.001	0.001	0.000	0.002	0.001
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	0.083	0.030	0.741	1.27	0.424	0.484
AS	0.0000	0.0004	0.0007	0.0005	0.0000	0.0005
SB	0.000	0.000	0.000	0.000	0.000	0.000
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0022	0.0020	0.0016	0.0020	0.0027	0.0022
NB	0.0010	0.0008	0.0007	0.0010	0.0009	0.0005
MO	0.0000	0.0000	0.0000	0.0005	0.0000	0.0005
SN	0.002	0.002	0.002	0.003	0.001	0.002
W	0.000	0.000	0.001	0.000	0.000	0.000
PT						
CL	0.102	0.100	0.095	0.103	0.132	0.197
BR						
TH	0.0000	0.0014	0.0000	0.0000	0.0000	0.0000
U	0.0006	0.0006	0.0005	0.0005	0.0007	0.0008
CS	0.000	0.003	0.005	0.002	0.001	0.001
LA	0.000	0.002	0.001	0.002	0.000	0.003
CE	0.002	0.000	0.002	0.002	0.005	0.003
PR						
ND						
SM						
EU						
GD						
TB						
DY						
HO						
ER						
TM						
YB						
LU						
HF						
TA	0.000	0.001	0.001	0.000	0.000	0.001
LOT						

OUTOKUMPU OY, MINING SERVICES, GEOANALYYTTINEN LABORATORIO
XRF-ANALYYSITULOKSIA

11.02.91

TILAAJA: R. ANTONEN/BIDJOVAGGE
ALUE: DAELJADAS D1-D2-D3

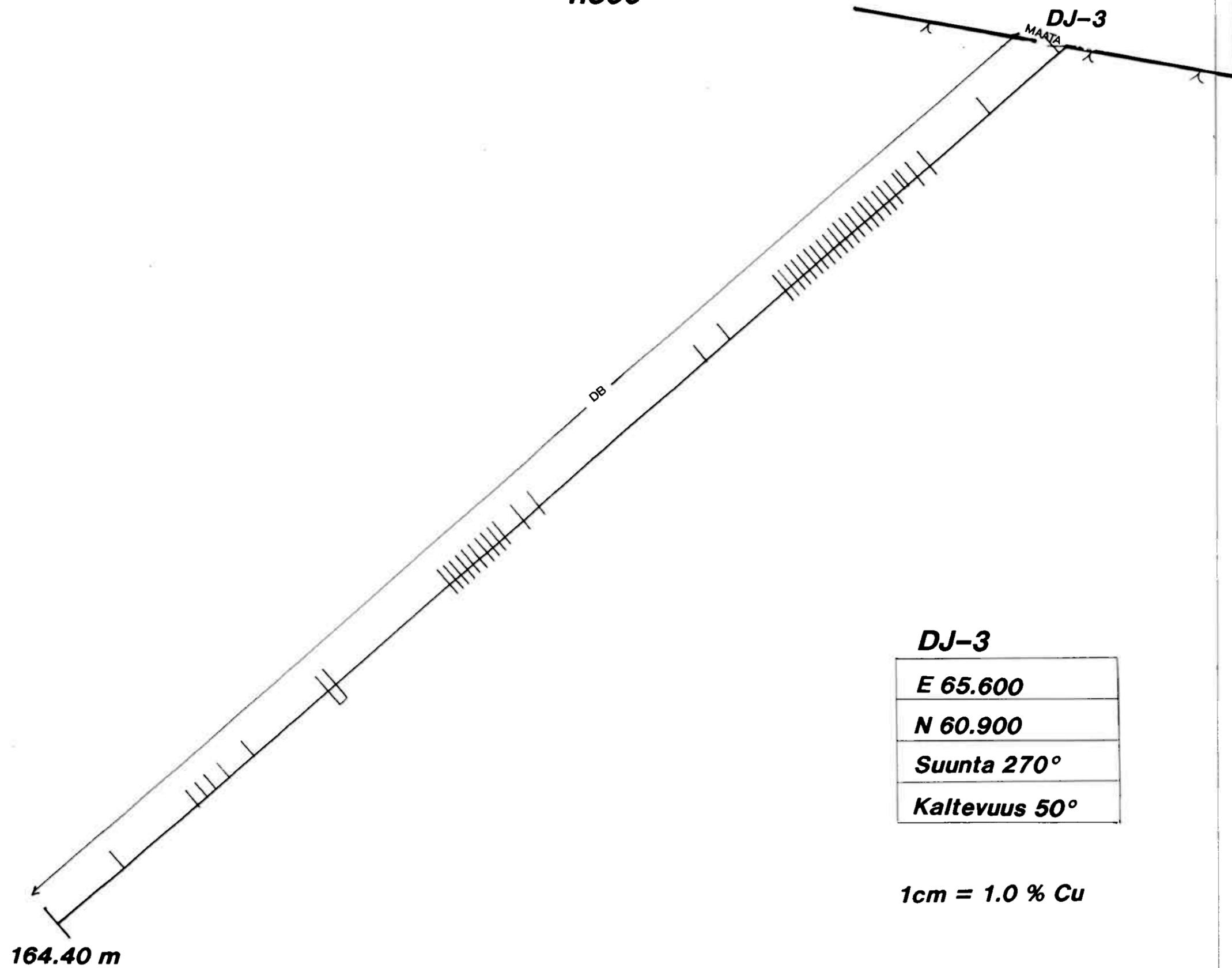
LASK.P:
KARTTAL.:

OPER: MLM 227-228
JAKELU: MLM

R^N2 ← → R^N3

	9065514	9065515	9065516	9065517	9065518	9065519
	%	%	%	%	%	%
SI02	48.2	48.2	49.7	52.6	54.6	54.4
TI02	0.967	1.52	1.45	0.697	0.787	0.737
AL203	13.3	13.0	12.0	9.30	12.7	12.1
CR203	0.0164	0.0225	0.0218	0.0207	0.0300	0.0287
V203	0.0398	0.0476	0.0400	0.0240	0.0198	0.0211
FE0	11.15	13.47	11.81	9.12	6.36	6.93
MNO	0.145	0.135	0.150	0.163	0.132	0.133
MGO	6.26	7.04	7.98	8.39	6.33	6.25
CA0	12.1	5.74	7.37	10.8	8.94	9.22
RB20	0.0038	0.0059	0.0038	0.0005	0.0008	0.0006
SRO	0.0113	0.0125	0.0136	0.0126	0.0202	0.0176
BA0	0.011	0.021	0.021	0.005	0.012	0.008
NA20	4.62	6.88	6.45	6.38	7.73	7.68
K20	0.752	1.69	1.37	0.290	0.551	0.515
ZR02	0.0058	0.0124	0.0106	0.0192	0.0346	0.0333
P205	0.084	0.222	0.146	0.664	1.01	0.973
CO2						
OKSUM	98.9	98.6	98.8	99.1	99.4	99.3
CU	0.108	0.0165	0.0023	0.0144	0.0017	0.0019
NI	0.0184	0.0141	0.0135	0.0170	0.0110	0.0113
CO	0.0109	0.0353	0.0169	0.0192	0.0100	0.0087
ZN	0.0032	0.0038	0.0040	0.0025	0.0022	0.0018
PB	0.000	0.000	0.001	0.001	0.001	0.002
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	1.56	0.618	0.245	0.763	0.090	0.120
AS	0.0005	0.0008	0.0000	0.0005	0.0007	0.0000
SB	0.000	0.000	0.000	0.000	0.000	0.000
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0022	0.0025	0.0020	0.0018	0.0015	0.0016
NB	0.0004	0.0011	0.0008	0.0021	0.0025	0.0026
MO	0.0000	0.0001	0.0000	0.0113	0.0009	0.0001
SN	0.003	0.003	0.004	0.000	0.003	0.000
W	0.000	0.001	0.000	0.000	0.001	0.001
PT						
CL	0.321	0.067	0.063	0.039	0.058	0.051
BR						
TH	0.0000	0.0000	0.0000	0.0011	0.0016	0.0016
U	0.0010	0.0006	0.0006	0.0015	0.0015	0.0013
CS	0.001	0.005	0.001	0.004	0.000	0.004
LA	0.002	0.007	0.005	0.006	0.009	0.012
CE	0.003	0.013	0.009	0.014	0.016	0.021
PR						
ND						
SM						
EU						
GO						
TB						
DY						
HO						
ER						
TM						
YB						
LU						
HF						
TA	0.000	0.001	0.000	0.000	0.001	0.000

**KAUTOKEINO,
DÆL'LJADAS
1:500**



Dalljades 1990

OUTOKUMPU OY

Kunta:

Leikkaus n:o

8
9
0

Reikä n:o

3	12
25	
33	
41	

Esiintymä:

Suunta:

Koordinaatit X:

Sijainti:

Kaltevuus:

Y:

Z:

KAIRAUSRAPORTTI

Kairattu aikana:

Geologi: OVEKUEIGNE O/M/LL Lisätietoja:

Kaltevuus-	16/17	24/25	32/33	40/41	48/49	56/57	64/65	72/73
mittaukset	m	m	m	m	m	m	m	m
	m	m	m	m	m	m	m	m
	m	m	m	m	m	m	m	m

Syvyys m	Kivilaji lyhennys	Kivilajiseloste	Analyysit											
			49	51	53	55	57	59	61	63	65	N:o		
			KATKOSL	SÄTEILY	PITUUS	Cu	Au	Cu+Au						
0,5m ¹⁹	JORD		26	31	36	41	46	51	56	61	66			
13,0	DIABAS	FINNORNE KORUTRET DL OROSPR OSTSPRUHET DIABAS MEN KLUKIT, BILITIT, SERISIT NOEN KUNNOLIT SPRUHEN			12,5									
22,70	DIABAS	F. VUORNE MASSIV DIABAS MEN NOEN ALKINUITT- ALBIT SONER, LIT BILITIT OSTSPRUHET VEH 18,3m			9,70									
23	ALBIT	MITT MIDDLSKORNEI ALBIT MEN LIT SERISIT			0,3									
24,5	DIABAS	ALBITISERT DIABAS MEN PRINOLIT-ALBIT MEN OLNUE KOBBERYIS			0,5m	0,02	0,0					90	65 SIS	
26	DIABAS	FINNILL MIDDLSKORNEI DIABAS MEN ALBIT-ALKINUITT KLUKIT SO VEN OLNUE BILITIT			1,5									

Reikä n:o

Leikkaus n:o

Reikä n:o

3

Leikkaus n:o

Dolljadas 1990

Syvyys m	Kivilaji- lyhennys	Kivilajiseloste	Analyysit									
			Karbonsuuri	Sisältö	Raus	Ca	An	Cu+An				N:o
19,20			26	31	36	41	46	51	56	61	66	
26,6	DIABAS	M. d. d. skornet amfibol- dj. H. diabas kvartsy opaspeklet			0,6							
28,0	DIABAS	FINNIL MIDDELSKORNET DIABAS MEN N. E. ALBITTISERIN OL KORIT KVALITTT SONER MEN PYRITT			1,4							
29,0	DIABAS	ALBITTISERT FINNORNE?			1,0	0,00	0,0					90 65516
30,0	"	DIABAS ME (HUIT TIL			1,0	0,01	0,1					S17
31,0	"	LYS RPB FARVE) MEN			1,0	0,00	0,0					S18
32,0	"	GIENNOMSUSTRÆNDE KORIT-			1,0	0,00	0,0					S19
33,0	"	ALBITT - KVALITTT ARN			1,0	0,00	0,0					S20
34,0	"	ASSUSIERT MEN			1,0	0,00	0,0					S21
35,0	"	KØBBEKNIS - PYRITT.			1,0	0,00	0,0					S22
36,0	"	BELKARTEN HAN			1,0	0,00	0,0					S23
37,0	"	ET BREVIERT USTRÆNDE			1,0	0,00	0,0					S24
38,0	"				1,0	0,00	0,0					S25
39,0	"	SPEKULEN LOREN TARE			1,0	0,00	0,0					S26
40,0	"	PA TVENS OL PA			1,0	0,00	0,0					S27
41,0	"	ZANLS AV TIEKIVEN			1,0	0,00	0,0					S28
42,0	"	II			1,0	0,00	0,0					S29
43,0	"				1,0	0,00	0,0					S30
44,0	"				1,0	0,01	0,0					S31
45,0	"				1,0	0,01	0,0					S32

Reikä n:o

3

Leikkaus n:o

Dalljodas

1990

Syvyys m	Kivilaji lyhennys	Kivilajiseloste	Analyysit										
			Katkosluu	Sisältö	Puus	Cu	An	Cu+An					N:o
			26	31	36	41	46	51	56	61	66		
19 20	DIABAS	SAHME SAMA FORELAENDE 17 Meten		1,0	0.00	0.0						40	65533
55	DIABAS	SAHME SAMA OVEN MED SPORADISK SULFIDMINER- ALISERIKAL		9,0									
59	DIABAS	FINKORNET MARK DIABAS MED EN DEL KLORITINERT OCCIPRELLINL SAFT NSEN ALBITT - AREER MED LIT SULFID											
86,4	DIABAS	FINKORNET OVEERDENENDE MASSIV DIABAS SLAET AV ENKETE ALBITT- SPRELLER, DELS PARRELL DELS PÅ TVERS LITE MINERALISERIN MIDDELKORNET ALBITISERT DIABAS MED ALBITT- ALBITT - SONER		27,4									
89	DIABAS	MIDDELKORNET ALBITISERT DIABAS MED ALBITT- ALBITT - SONER		2,6	0.03	0.0						90	65534
92	DIABAS	MIDDELKORNET ALBITINERT DIABAS MED ALBITTISERIKAL OL UENKORUSFUCENDE KLORIT - ALBITT - LIT - ALBITT PÅ EN PARALLELL OL PÅ TVERS NSE SULFID, AREER		2,0	0.02	0.0						90	65535

Syvyys m	Kivilajin lyhennys	Kivilajiseloste	Analyysit										N:o
			Ka	Ca	Mg	Si	Fe	Al	Ti	Mn	P	S	
19,20			25	31	36	41	46	51	56	61	66		
137	DIABAS	OVERKUEIENDE FINNARNET DIABAS MED ENKELTE MASSIVE ALDTT SIKER (136,5 - 136,8 m) og en 3 cm tykk fjell Hs pa 133,4 m			4,0								
139	DIABAS	MORK FINNARNET DIABAS			2,0								
140,6	DIABAS	MORK FINNARNET MED OPPSKULLET DIABAS MED KORRIT-GLIØERAIL			1,6								
154	DIABAS	KOMPAKT FINNARNET DIABAS MED MORK FANLE SPORADISK SULFID PA ET FATAL SPREKKEN			1,3 13,4								
164,4	DIABAS	MINNER SKUMMET ALDULITT- H-LOIG KOMPAKT DIABAS MED ET FATAL SPREKKEN. SIKK ALBITISEMINER EN ALBITIT-KORRIT- PA FINNULITT SIKER PA 145,5 m en k. h. h. h. h. Juvud			10,4								

OUTOKUMPU OY, MINING SERVICES, GEOANALYYTTINEN LABORATORIO
 XRF-ANALYYSITULOKSIA

11.02.91

TILAAJA: R. ANTONEN/BIDJOVAGGE
 ALUE: DAELJADAS D1-D2-D3

LASK.P:
 KARTTAL.:

OPER: MLM 227-228
 JAKELU: MLM

R^{Nº}2 ← → R^{Nº}3

	9065514	9065515	9065516	9065517	9065518	9065519
	%	%	%	%	%	%
SI02	48.2	48.2	49.7	52.6	54.6	54.4
TI02	0.967	1.52	1.45	0.697	0.787	0.737
Al 203	13.3	13.0	12.0	9.30	12.7	12.1
CR203	0.0164	0.0225	0.0218	0.0207	0.0300	0.0287
V203	0.0398	0.0476	0.0400	0.0240	0.0198	0.0211
FE0	11.15	13.47	11.81	9.12	6.36	6.93
MNO	0.145	0.135	0.150	0.163	0.132	0.133
MGO	6.26	7.04	7.98	8.39	6.33	6.25
CA0	12.1	5.74	7.37	10.8	8.94	9.22
RB20	0.0038	0.0059	0.0038	0.0005	0.0008	0.0006
SR0	0.0113	0.0125	0.0136	0.0126	0.0202	0.0176
BA0	0.011	0.021	0.021	0.005	0.012	0.008
NA20	4.62	6.88	6.45	6.38	7.73	7.68
K20	0.752	1.69	1.37	0.290	0.551	0.515
ZR02	0.0058	0.0124	0.0106	0.0192	0.0346	0.0333
P205	0.084	0.222	0.146	0.664	1.01	0.973
CO2						
OKSUM	98.9	98.6	98.8	99.1	99.4	99.3
CU	0.108	0.0165	0.0023	0.0144	0.0017	0.0019
NI	0.0184	0.0141	0.0135	0.0170	0.0110	0.0113
CO	0.0109	0.0353	0.0169	0.0192	0.0100	0.0087
ZN	0.0032	0.0038	0.0040	0.0025	0.0022	0.0018
PB	0.000	0.000	0.001	0.001	0.001	0.002
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	1.56	0.618	0.245	0.763	0.090	0.120
AS	0.0005	0.0008	0.0000	0.0005	0.0007	0.0000
SB	0.000	0.000	0.000	0.000	0.000	0.000
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0022	0.0025	0.0020	0.0018	0.0015	0.0016
NO	0.0004	0.0011	0.0008	0.0021	0.0025	0.0026
MO	0.0000	0.0001	0.0000	0.0113	0.0009	0.0001
SN	0.003	0.003	0.004	0.000	0.003	0.000
W	0.000	0.001	0.000	0.000	0.001	0.001
PT						
CL	0.321	0.067	0.063	0.039	0.058	0.051
BR						
TH	0.0000	0.0000	0.0000	0.0011	0.0016	0.0016
U	0.0010	0.0006	0.0006	0.0015	0.0015	0.0013
CS	0.001	0.005	0.001	0.004	0.000	0.004
LA	0.002	0.007	0.005	0.006	0.009	0.012
CE	0.003	0.013	0.009	0.014	0.016	0.021
PR						
ND						
SM						
EU						
GO						
TB						
DY						
HO						
ER						
TM						
YB						
LU						
HF						
TA	0.000	0.001	0.000	0.000	0.001	0.000
LOI						

OUTOKUMPU OY, MINING SERVICES, GEOANALYTTINEN LABORATORIO
 XRF-ANALYYSITULOKSIA 11.02.91

TYLAAJA: R. ANTONEN/BIDJOVAGGE LASK.P: OPER: MLM 227-228
 ALUE: DAELJADAS 01-02-03 KARTTAL.: JAKELU: MLM

	9065520	9065521	9065522	9065523	9065524	9065525
	%	%	%	%	%	%
SI02	53.6	53.5	53.6	52.2	53.0	53.0
TI02	0.798	0.808	0.750	0.726	0.908	0.891
AL203	12.4	12.3	12.2	11.4	12.9	12.3
CR203	0.0357	0.0344	0.0293	0.0277	0.0372	0.0382
V203	0.0192	0.0209	0.0211	0.0222	0.0205	0.0201
FE0	7.56	7.53	8.19	8.28	7.42	7.45
MNO	0.126	0.128	0.131	0.145	0.117	0.108
MGO	6.42	6.45	6.59	7.00	7.60	7.05
CA0	8.50	8.60	7.82	10.4	6.53	7.96
RB20	0.0019	0.0017	0.0016	0.0004	0.0063	0.0042
SRO	0.0183	0.0187	0.0211	0.0177	0.0244	0.0232
BA0	0.012	0.013	0.013	0.010	0.041	0.024
NA20	7.57	7.62	7.69	7.21	7.13	7.50
K20	0.712	0.724	0.680	0.447	1.90	1.25
ZR02	0.0316	0.0324	0.0333	0.0335	0.0365	0.0363
P205	1.16	1.16	1.03	0.968	1.31	1.30
CO2						
OKSUM	99.2	99.2	99.2	99.1	99.3	99.3
CU	0.0026	0.0033	0.0053	0.0016	0.0037	0.0008
NI	0.0145	0.0142	0.0149	0.0154	0.0185	0.0183
CO	0.0108	0.0109	0.0127	0.0106	0.0084	0.0117
ZN	0.0029	0.0023	0.0025	0.0029	0.0031	0.0024
PB	0.001	0.001	0.001	0.001	0.000	0.001
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	0.186	0.187	0.426	0.304	0.240	0.273
AS	0.0005	0.0004	0.0006	0.0002	0.0006	0.0001
SB	0.000	0.000	0.000	0.000	0.000	0.001
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0018	0.0016	0.0013	0.0017	0.0014	0.0019
NB	0.0024	0.0025	0.0022	0.0026	0.0028	0.0025
MO	0.0001	0.0001	0.0000	0.0000	0.0000	0.0001
SN	0.002	0.003	0.002	0.000	0.001	0.001
W	0.001	0.000	0.000	0.001	0.000	0.000
PT						
CL	0.060	0.061	0.050	0.055	0.065	0.060
BR						
TH	0.0009	0.0018	0.0015	0.0017	0.0022	0.0014
U	0.0014	0.0014	0.0019	0.0020	0.0018	0.0024
CS	0.002	0.000	0.003	0.002	0.002	0.001
LA	0.013	0.018	0.013	0.016	0.011	0.013
CE	0.025	0.025	0.024	0.026	0.022	0.026
PR						
ND						
SM						
EU						
GD						
TB						
DY						
HO						
ER						
TM						
YB						
LU						
HF						
TA	0.000	0.000	0.000	0.000	0.000	0.001
LOI						

OUTOKUMPU OY, MINING SERVICES, GEONALYTTINEN LABORATORIO
 XRF-ANALYYSITULOKSIA

11.02.91

TILAAJA: R. ANTONEN/BID.JOVAGGE
 ALUE: DAELJADAS D1-D2-D3

LASK.P.:
 KARTTAL.:

OPER: MLM 227-228
 JAKELU: MLM

R 223

	9065526	9065527	9065528	9065529	9065530	9065531
	%	%	%	%	%	%
SI02	53.8	54.9	52.0	51.6	51.5	52.1
TI02	0.806	0.866	0.973	0.993	1.02	0.940
AL203	12.5	13.6	12.9	12.8	12.8	12.7
CR203	0.0330	0.0291	0.0402	0.0395	0.0408	0.0392
V203	0.0183	0.0182	0.0205	0.0195	0.0203	0.0196
FE0	6.92	6.28	7.68	8.39	8.14	7.39
MNO	0.105	0.0868	0.0949	0.0930	0.0932	0.103
MGO	7.18	6.38	8.41	8.25	8.42	8.24
CA0	7.49	6.05	5.80	5.72	5.86	6.81
RB20	0.0019	0.0030	0.0063	0.0063	0.0064	0.0062
SRO	0.0217	0.0248	0.0217	0.0217	0.0209	0.0233
BA0	0.016	0.032	0.054	0.048	0.055	0.052
NA20	8.12	8.74	7.48	7.36	7.29	7.18
K20	0.795	1.21	2.10	2.09	2.16	1.96
ZRO2	0.0335	0.0397	0.0314	0.0353	0.0329	0.0321
P205	1.22	1.02	1.33	1.38	1.38	1.30
CO2						
OKSUM	99.3	99.4	99.3	99.2	99.2	99.3
CU	0.0008	0.0010	0.0005	0.0035	0.0025	0.0076
NI	0.0149	0.0132	0.0184	0.0210	0.0206	0.0194
CO	0.0063	0.0070	0.0079	0.0072	0.0211	0.0102
ZN	0.0022	0.0022	0.0028	0.0035	0.0040	0.0033
PB	0.001	0.000	0.000	0.000	0.001	0.001
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	0.131	0.111	0.217	0.333	0.326	0.330
AS	0.0007	0.0009	0.0009	0.0006	0.0005	0.0006
SB	0.000	0.000	0.000	0.000	0.000	0.000
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0017	0.0011	0.0017	0.0016	0.0015	0.0014
NB	0.0026	0.0026	0.0025	0.0030	0.0028	0.0024
MO	0.0002	0.0000	0.0001	0.0000	0.0000	0.0002
SN	0.003	0.001	0.003	0.002	0.000	0.002
W	0.001	0.001	0.001	0.000	0.001	0.001
PT						
CL	0.055	0.050	0.069	0.064	0.067	0.068
BR						
TH	0.0012	0.0011	0.0011	0.0021	0.0017	0.0014
U	0.0018	0.0020	0.0018	0.0015	0.0020	0.0018
CS	0.002	0.000	0.003	0.006	0.003	0.003
LA	0.014	0.009	0.010	0.014	0.012	0.013
CE	0.025	0.018	0.019	0.024	0.023	0.023
PR						
ND						
SM						
EU						
GO						
TB						
DY						
HO						
ER						
TM						
YB						
LU						
HF						
TA	0.001	0.001	0.000	0.000	0.000	0.000
LOI						

OUTOKUMPU OY, MINING SERVICES, GEONALYTTINEN LABORATORIO
 XRF-ANALYYSITULOKSIA

11.02.91

TILAAJA: R. ANTONEN/BIDJOVAGGE
 ALUE: DAELJADAS D1-D2-D3

LASK.P:
 KARTTAL.:

OPER: MLM 227-228
 JAKELU: MLM

2-23

	9065532	9065533	9065534	9065535	9065536	9065537
	%	%	%	%	%	%
SI02	51.3	48.8	35.9	41.5	40.8	46.7
TI02	0.948	0.756	0.623	0.680	0.586	0.684
AI 203	12.5	10.5	9.90	11.9	11.2	13.0
CR203	0.0422	0.0311	0.0287	0.0290	0.0268	0.0351
V203	0.0204	0.0259	0.0780	0.0569	0.0777	0.0365
FEO	8.23	11.84	26.33	19.64	18.48	11.18
MNO	0.117	0.149	0.142	0.125	0.133	0.112
MGO	8.85	9.10	7.39	8.07	7.16	6.27
CAO	6.49	8.94	9.61	7.68	11.5	10.3
RB20	0.0074	0.0004	0.0035	0.0088	0.0073	0.0115
SRO	0.0217	0.0126	0.0098	0.0118	0.0092	0.0114
BAO	0.057	0.010	0.005	0.015	0.010	0.019
NA2O	6.72	6.42	5.14	5.60	5.89	7.03
K2O	2.20	0.464	1.07	1.86	1.45	2.12
ZRO2	0.0346	0.0268	0.0092	0.0086	0.0065	0.0202
P2O5	1.22	1.02	0.240	0.222	0.205	0.812
CO2						
OKSUM	99.2	98.8	97.2	97.9	98.0	98.8
CU	0.0079	0.0331	0.0348	0.0242	0.0460	0.0247
NI	0.0210	0.0154	0.0145	0.0116	0.0133	0.0101
CO	0.0136	0.0221	0.0313	0.0244	0.0152	0.0131
ZN	0.0037	0.0043	0.0040	0.0029	0.0031	0.0063
PB	0.001	0.001	0.001	0.001	0.000	0.001
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	0.401	0.963	1.09	0.757	0.804	0.573
AS	0.0005	0.0002	0.0002	0.0001	0.0006	0.0004
SB	0.000	0.000	0.000	0.000	0.000	0.000
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0016	0.0017	0.0010	0.0014	0.0019	0.0031
NB	0.0024	0.0019	0.0007	0.0009	0.0006	0.0011
MO	0.0012	0.0019	0.0005	0.0008	0.0000	0.0002
SN	0.002	0.003	0.002	0.002	0.000	0.000
W	0.001	0.000	0.000	0.000	0.000	0.000
PT						
CL	0.072	0.060	0.079	0.079	0.070	0.094
BR						
TH	0.0015	0.0016	0.0000	0.0000	0.0000	0.0008
U	0.0019	0.0028	0.0004	0.0013	0.0000	0.0008
CS	0.001	0.002	0.002	0.001	0.005	0.004
LA	0.013	0.009	0.002	0.004	0.005	0.007
CE	0.019	0.017	0.004	0.006	0.005	0.010
PR						
ND						
SM						
EU						
GD						
TB						
DY						
HO						
ER						
TM						
YB						
LU						
HF						
TA	0.000	0.000	0.001	0.000	0.001	0.000
LOI						

OUTOKUMPU OY, MINING SERVICES, GEONALYTTINEN LABORATORIO
 XRF-ANALYYSITULOKSIA

11.02.91

TILAAJA: R. ANTONEN/BIDJOVAGGE
 ALUE: DAELJADAS 01-02-03

LASK.P:
 KARTTAL.:

OPER: MLM 227-228
 JAKELU: MLM

2-2-3

	9065538	9065539	9065540	9065541	9065542	9065543
	%	%	%	%	%	%
SI02	36.6	36.6	36.8	43.6	44.4	43.7
TI02	0.608	0.659	0.553	0.719	0.828	0.923
AL203	10.2	9.54	10.1	10.6	8.62	10.7
CR203	0.0282	0.0302	0.0301	0.0312	0.0242	0.0295
V203	0.0512	0.0456	0.0508	0.0336	0.0380	0.0370
FE0	23.13	20.97	25.52	15.58	19.66	21.30
MNO	0.139	0.150	0.105	0.149	0.119	0.114
MGO	7.53	7.71	6.07	9.74	6.53	6.82
CA0	10.7	14.7	8.65	10.9	10.5	5.69
RB20	0.0070	0.0045	0.0035	0.0051	0.0027	0.0052
SRO	0.0056	0.0054	0.0050	0.0045	0.0043	0.0065
BA0	0.013	0.010	0.009	0.012	0.007	0.011
NA20	5.11	4.50	5.84	4.47	5.22	6.07
K20	1.37	1.17	0.932	1.36	0.945	1.49
ZR02	0.0072	0.0116	0.0080	0.0127	0.0085	0.0105
P205	0.310	0.382	0.271	0.357	0.108	0.122
CO2						
OKSUM	97.5	97.7	97.3	98.3	97.9	97.8
CU	0.148	0.0574	0.183	0.0189	0.0292	0.0434
NI	0.0186	0.0130	0.0172	0.0175	0.0156	0.0138
CO	0.0455	0.0314	0.0568	0.0220	0.0199	0.0148
ZN	0.0037	0.0047	0.0048	0.0079	0.0063	0.0073
PB	0.002	0.000	0.002	0.001	0.001	0.001
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	2.71	1.93	3.91	0.955	1.36	1.34
AS	0.0004	0.0006	0.0001	0.0002	0.0003	0.0003
SB	0.000	0.000	0.000	0.000	0.000	0.000
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0014	0.0013	0.0008	0.0010	0.0018	0.0017
NB	0.0008	0.0015	0.0009	0.0010	0.0008	0.0011
MO	0.0004	0.0004	0.0007	0.0000	0.0004	0.0006
SN	0.003	0.001	0.001	0.003	0.001	0.002
W	0.000	0.001	0.001	0.001	0.000	0.001
PT						
CL	0.074	0.066	0.047	0.055	0.022	0.031
BR						
TH	0.0000	0.0000	0.0001	0.0003	0.0007	0.0000
U	0.0008	0.0018	0.0010	0.0012	0.0001	0.0006
CS	0.004	0.003	0.009	0.003	0.003	0.002
LA	0.004	0.008	0.005	0.007	0.006	0.005
CE	0.008	0.009	0.005	0.006	0.006	0.006
PR						
ND						
SM						
EU						
GO						
TB						
DY						
HO						
ER						
TM						
YB						
LU						
HF						
TA	0.001	0.001	0.000	0.000	0.001	0.001
LOI						

OUTOKUMPU OY, MINING SERVICES, GEOANALYTTINEN LABORATORIO
 XRF-ANALYYSITULOKSIA

11.02.91

TILAAJA: R. ANTONEN/BIDJOVAGGE
 ALUE: DAELJADAS D1-D2-D3

LASK.P:
 KARTTAL.:

OPER: MLM 227-228
 JAKELU: MLM

	9065544	9065545
	%	%
SI02	48.7	38.8
TI02	1.51	0.691
AL203	12.7	10.6
CR203	0.0191	0.0270
V203	0.0415	0.0437
FE0	13.24	18.53
MNO	0.114	0.160
MGO	7.14	11.5
CA0	5.58	11.5
RB20	0.0077	0.0037
SRO	0.0099	0.0042
BA0	0.018	0.007
NA20	6.71	3.72
K20	2.22	1.07
ZR02	0.0108	0.0072
P205	0.135	0.101
CO2		
OKSUM	98.6	97.9
CU	0.0233	0.382
NI	0.0092	0.0117
CO	0.0065	0.0154
ZN	0.0068	0.0078
PB	0.000	0.002
AG	0.000	0.000
S	0.644	1.10
AS	0.0006	0.0002
SB	0.000	0.000
BI	0.000	0.000
TE	0.000	0.000
Y	0.0020	0.0021
NB	0.0008	0.0007
MO	0.0000	0.0000
SN	0.002	0.002
W	0.001	0.000
PT		
CL	0.058	0.039
BR		
TH	0.0000	0.0000
U	0.0006	0.0005
CS	0.003	0.004
LA	0.000	0.006
CE	0.003	0.006
PR		
ND		
SM		
EU		
GD		
TB		
DY		
HO		
ER		
TM		
YB		
IJ		
HF		
TA	0.000	0.000
LOI		

06/02 '91 11:03
3358 73 556610
OK/GEONAL. LAB.
+++ BIDJOVAGGE
001

GEONALYTTINEN LABORATORIO

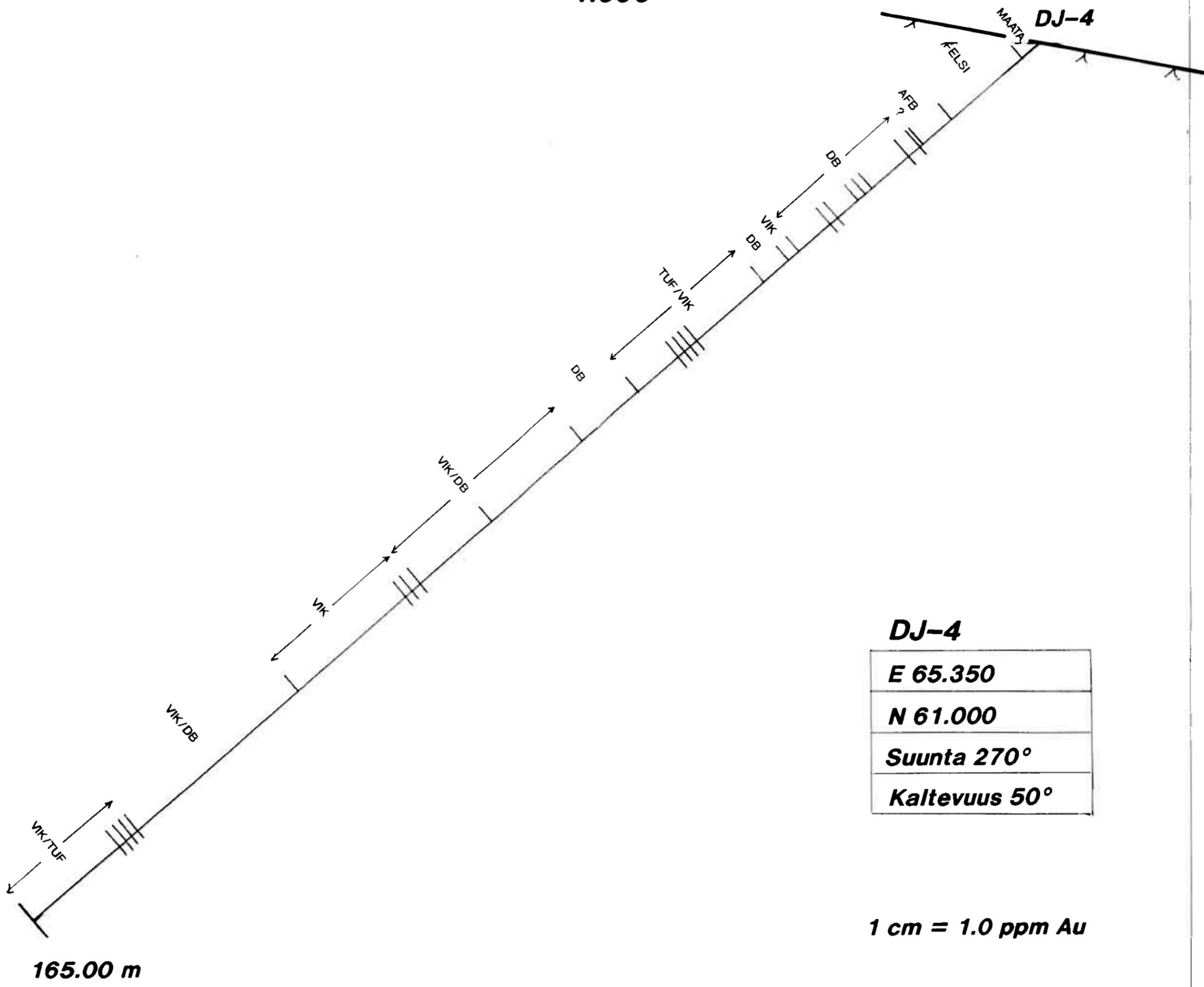
5-FEB-91
ANALYSOIJAJA: HV
TILAAJA: RSA
LAATU: KAIRAUS
LIUOTUSMENETELMA: AR
ALUE: D3 DAELJADAS
LASKENTAPAIKKA: D3 BIDJO

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG (PPM)
FE, AS, MG, AL, CA -PITOISUUSYKSIKKO: %

AU	9065530	9065531	9065532	9065533	9065534	9065535	9065536	9065537	9065538	9065539	9065540
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AU	9065541	9065542	9065543	9065544	9065545						
	0.0	0.0	0.0	0.0	0.0						

DJ-4

**KAUTOKEINO,
DÆL'LJADAS
1:500**



DJ-4

E 65.350
N 61.000
Suunta 270°
Kaltevuus 50°

1 cm = 1.0 ppm Au

Dolljadas 1990

OUTOKUMPU OY

Kunta:

Leikkaus n:o

Esiintymä:

Suunta:

Sijainti:

Kaltevuus:

Kairattu aikana:

Lisätietoja:

8
9
20

Reikä n:o

Koordinaatit X:

4	12
25	
33	
41	

KAIRAUSRAPORTTI

Kaltevuus-
mittaukset

16/17	24/25	32/33	40/41	48/49	56/57	64/65	72/73
m	m	m	m	m	m	m	m
o	o	o	o	o	o	o	o
m	m	m	m	m	m	m	m
o	o	o	o	o	o	o	o
m	m	m	m	m	m	m	m
o	o	o	o	o	o	o	o

Syvyys m	Kivilaji- lyhennys	Kivilajiseloste	Analyysit							N:o			
			KATKOSL.	49	51	53	55	57	59		61	63	65
			SÄTEILY	PITUUS	Cu	Au	Cu+Au						
19 20			26	31	36	41	46	51	56	61	66		
2 80	Jopp												
17 40	Felsitt	Rödlig feltspatrit jernsk bergart. Himatitt på sprickor (redig runt) och desimierat klornitt, samt optisk krusning på farsonen. Relativt oppsprukket			11.60								
19	Amfibitt	Finkornet biotitt, klornitt ba med en svak albittisering. Noen klornitt - albitt tvannsprukket			4.60								
19 50													
19 50	Amf.	Kjernetop, oppsprukket klornitt holdig			0,5								
2 140	DIABAS	Finkornet albitt kornetitt omrøddet diabas med klornitt tvannsprukket med krusning			1.90	0.08	0.0					90	65544

Syvyys m	Kivilaji- lyhennys	Kivilajiseloste	Analysit										N:o
			KATKOSLUKU	Siiteily	Puus	Cu	An	Cu+An					
19.20			25	31	36	41	46	51	56	61	66		
27.1	DIABAS	FINLONNE DIABAS MEB KLOKITT AMFIBOL o.c EN SVAR ALBITTISENNL (HUT) NOEN KLOKITT, AYTUNNITT BIL ALBITT TVEKRSPELLEK.			8.0								
28.5	DIABAS	SWAEDS FORIASLN MED FO FINLONNET MEB ALBITT KKYSTER (AMYLOLIK)			1.1								
29.5	DIABAS	FINLONNET GRANKINN DIABAS MEB TO IDUN ALBITT SVAR FORIASLN (7-)			1.0								
33	DIABAS	FINLONNET KOMPALT DIABAS (GRANKINN) MEB ALBITT- KLOKITT-ALGIN-LITT TVEKRSPEL.			3.5								
34	DIABAS	SAMME SAK OVEK MEB MEB SULFIDIMPEL			1.6	0.07	0.0					90 65547	
39.3	DIABAS	FIN SILMNOVESLONNET ALBITT-KLOKITT-AMFIBOL DIABAS MEB LIFE SPELLEK			5.3								
40.8	DIABAS GRANKINN	OPPOR-IT BANDET MARISK GRANKINN MEB KLOKITT o.c. BORENNE BAN.			1.5								
45	DIABAS	FINLONNET FELSIS DIABAS MEB NOEN ALBITT- KLOKITT TVEKRSPELLEK.			4.2								

OUTOKUMPU OY, MINING SERVICES, GEOANALYYTTINEN LABORATORIO
XRF-ANALYYSITULOKSIA 07.03.91

TILAAJA: R. ANTONEN/BIDJOVAGGE
ALUE: DAELLJADAS KAIRAUS

LASK.P: BIDJO
KARTTAL.:

OPER: MLM 241
JAKELU: MLM

RN^o 4

	9065546	9065547	9065548	9065549	9065550	9065551
	%	%	%	%	%	%
SI02	45.2	48.2	49.9	48.0	48.6	31.0
TI02	0.875	1.68	1.66	1.40	1.49	0.483
AL203	11.4	13.6	13.0	12.8	12.9	8.91
CR203	0.0214	0.0248	0.0406	0.0439	0.0400	0.0284
V203	0.0523	0.0535	0.0511	0.0449	0.0488	0.0319
FE0	18.11	13.51	11.28	13.55	12.86	38.38
MNO	0.148	0.177	0.141	0.166	0.185	0.0652
MGO	7.95	6.54	7.69	7.02	7.49	5.98
CA0	6.58	7.69	7.52	7.93	7.57	4.28
RB20	0.0047	0.0021	0.0082	0.0071	0.0054	0.0072
SRO	0.0081	0.0081	0.0120	0.0116	0.0095	0.0041
BA0	0.013	0.006	0.012	0.014	0.007	0.012
NA20	5.50	6.14	5.80	5.82	6.21	4.01
K20	1.30	0.503	1.34	1.08	0.799	0.950
ZR02	0.0053	0.0117	0.0091	0.0110	0.0097	0.0020
P205	0.081	0.144	0.114	0.132	0.136	0.056
CO2						
OKSUM	98.1	98.6	98.8	98.6	98.7	95.9
CU	0.0836	0.0657	0.0169	0.0295	0.0314	0.0154
NI	0.0154	0.0104	0.0088	0.0142	0.0107	0.0159
CO	0.0193	0.0036	0.0051	0.0106	0.0074	0.0267
ZN	0.0060	0.0061	0.0037	0.0038	0.0045	0.0011
PB	0.002	0.001	0.002	0.000	0.001	0.001
AG	0.000	0.000	0.000	0.000	0.000	0.000
S	1.08	0.139	0.152	0.715	0.163	3.01
AS	0.0002	0.0005	0.0000	0.0010	0.0007	0.0005
SB	0.000	0.000	0.000	0.000	0.000	0.000
BI	0.000	0.000	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000	0.000	0.000
Y	0.0019	0.0025	0.0025	0.0025	0.0025	0.0011
NB	0.0007	0.0012	0.0006	0.0011	0.0008	0.0008
MO	0.0003	0.0000	0.0000	0.0000	0.0000	0.0003
SN	0.002	0.000	0.002	0.001	0.001	0.000
W	0.001	0.000	0.001	0.001	0.000	0.000
PT						
CL	0.061	0.174	0.115	0.118	0.123	0.054
BR						
TH	0.0001	0.0000	0.0000	0.0000	0.0000	0.0002
U	0.0019	0.0009	0.0002	0.0009	0.0006	0.0015
CS	0.001	0.006	0.004	0.005	0.004	0.005
LA	0.003	0.001	0.001	0.000	0.002	0.005
CE	0.002	0.002	0.003	0.004	0.005	0.007
PR						
ND						
SM						
EU						
GD						
TB						
OY						
HO						
ER						
TM						
YB						
LU						
HF						
TA	0.001	0.000	0.001	0.001	0.000	0.000
LOI						

OUTOKUMPU OY, MINING SERVICES, GEOANALYTTINEN LABORATORIO
 XRF-ANALYYSITULOKSIA 07.03.91

TILAAJA: R. ANTONEN/BIDJOVAGGE
 ALUE: DAELLIJADAS KAIRAUS

LASK P: BIDJO
 KARTTAL.:

OPER: MLM 241
 JAKELU: MLM

	9065552	9065553	9065554	9065555
	%	%	%	%
SI02	49.9	47.3	49.2	47.8
TI02	0.682	1.03	1.07	1.11
AL203	13.5	12.6	13.1	13.4
CR203	0.0529	0.0341	0.0333	0.0382
V203	0.0354	0.0470	0.0494	0.0479
FE0	10.43	14.10	12.30	13.53
MNO	0.112	0.147	0.147	0.149
MGO	7.64	7.29	6.65	7.51
CA0	10.0	9.18	9.63	8.55
RB20	0.0027	0.0132	0.0086	0.0129
SRO	0.0090	0.0062	0.0071	0.0088
BA0	0.009	0.020	0.014	0.017
NA20	5.29	4.05	4.62	3.74
K20	0.665	1.75	1.53	2.27
ZR02	0.0033	0.0056	0.0058	0.0065
P205	0.052	0.074	0.088	0.078
CO2				
OKSUM	98.9	98.5	98.7	98.6
CU	0.0092	0.151	0.0240	0.0373
NI	0.0134	0.0118	0.0098	0.0090
CO	0.0076	0.0108	0.0061	0.0058
ZN	0.0018	0.0035	0.0030	0.0037
PB	0.001	0.000	0.001	0.000
AG	0.000	0.000	0.000	0.000
S	0.525	1.09	0.187	0.146
AS	0.0000	0.0010	0.0005	0.0010
SB	0.000	0.000	0.000	0.000
BI	0.000	0.000	0.000	0.000
TE	0.000	0.000	0.000	0.000
Y	0.0017	0.0024	0.0024	0.0026
NB	0.0004	0.0008	0.0006	0.0007
MO	0.0000	0.0000	0.0000	0.0000
SN	0.000	0.003	0.001	0.002
W	0.000	0.000	0.001	0.000
PT				
CL	0.135	0.146	0.133	0.170
BR				
TH	0.0000	0.0000	0.0000	0.0000
U	0.0001	0.0002	0.0005	0.0008
CS	0.002	0.001	0.000	0.004
LA	0.001	0.002	0.002	0.002
CE	0.003	0.004	0.004	0.001
PR				
NO				
SM				
EU				
GD				
TB				
OY				
HO				
ER				
TM				
YB				
LU				
HF				
TA	0.000	0.002	0.000	0.000
LOI				

5-MAR-91

ANALYSDIJA: RU
TILAAJA: M.EKBERG, R.ANTTONEN
LAATU: KAIRAUS
LIUOTUSMENETELMA: AR
ALUE: DOELLJADAS 4
LASKENTAPAIKKA: DOE 4 BIDJUV.

Doelljadas #4

ATOMIABSORPTIOANALYYSIEN TULOKSIA
PITOISUUSYKSIKKO: MG/KG (PPM)
FE, AS, MG, AL, CA -PITOISUUSYKSIKKO: %

	9065546	9065547	9065548	9065549	9065550	9065551	9065552	9065553	9065554	9065555
As	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0

001

BIDJOVAGGE

OK/GEOANAL.LAB.

356 73 556610

09:05

06/03 '91

E65000

Basislinje
E 65000

Översiktskarta
DEL' LJADAS

E66000

N6000

BH-1

BH-2

BH-4

BH-3

- Grotter

1:5000



OUTOKUMPU OY

Kunta: Kauhkanen
 Esiintymä: Dallindas
 Sijainti: _____
 Kairattu aikana: 9/91
 Geologi: LEIY NESSUOLL

Leikkaus n:o _____
 Suunta: _____
 Kaltevuus: _____

8
9
0

Reikä n:o _____
 Koordinaatiot: X: _____
 Y: _____
 Z: _____

KAIRAUSRAPORTTI

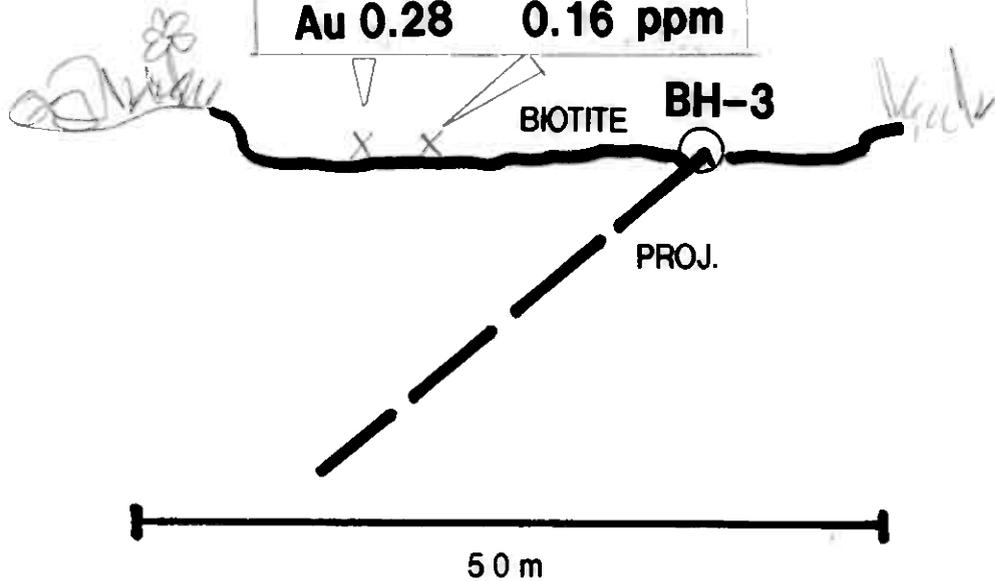
Lisätietoja: _____

Kaltevuusmittaukset	16/17	24/25	32/33	40/41	48/49	56/57	64/65	72/73
	m	m	m	m	m	m	m	m
	m	m	m	m	m	m	m	m

Syvyys m	Kivilaji-lyhennys	Kivilajiseloste	Analyysit										N:o	
			49 26	51 31	53 36	55 41	57 46	59 51	61 56	63 61	65 66			
N60830	E65577	Piävesi tahti i qieft				1,40	0,28							91-19251
N60830	E65580	" " leikk				1,33	0,16							91-19252
		" "				0,86	0,30							91-19253
		" "				0,38	0,24							91-19254
		" "				0,86	0,25							91-19255
		" "				0,11	0,23							91-19256
		" "				0,05	0,20							91-19257
		" "				0,61	0,28							91-19258
		" "				0,01	0,38							91-19259

PROFIL N 60.880

Cu 1.40	1.33 %
Au 0.28	0.16 ppm



Ingen prøver

N60650

E 65536 - 65542 = 6 m

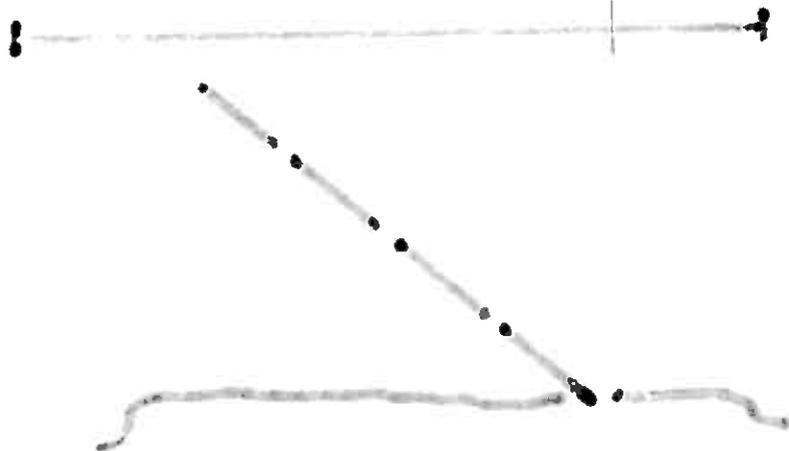
Prøver tatt

E 65538 los steiltstøened helle

E 65540 Mineralisert sone

E 65541 i fast fjell

E 65542 Glimmerskifer



GROFTER DÆL'LJADAS



● BH-3

N 60.830

0.28 0.01

x

xx

0.28 1.40 0.16 1.33

N60830

E 65569 - 65611 = 42 m

Prøver tatt E 65580 løsblokk

E 65577 av 50 cm

cp og py rik sone Fall 40° W

steiltstående glimmerskifer med forvidrete mykere soner i mellom

N 60.760

0.30 0.86

x

N60790

E 65570 - 65585 = 15 m

Prøve tatt E 65580 av 20 cm cp og

py rik sone. Steiltstående

glimmerskifer, som går over i

folninger mot E og stuper brått i

enden av grøfta

N 60.760

N60760

E 65555 - 65581 = 26 m

Glimmerskifer steiltstående som

går over i små folninger mot

E for til slutt og bli flatliggende

og stuper ned i enden av

grøfta. Ingen synlig mineralisering.

Ingen prøver

N 60.650

0.24 0.36

0.25 0.86

0.23 0.11

0.20 0.05

xx

N60650

E 65536 - 65542 = 6 m

Prøver tatt

E 65538 los steiltstående helle

E 65540 Mineralisert sone

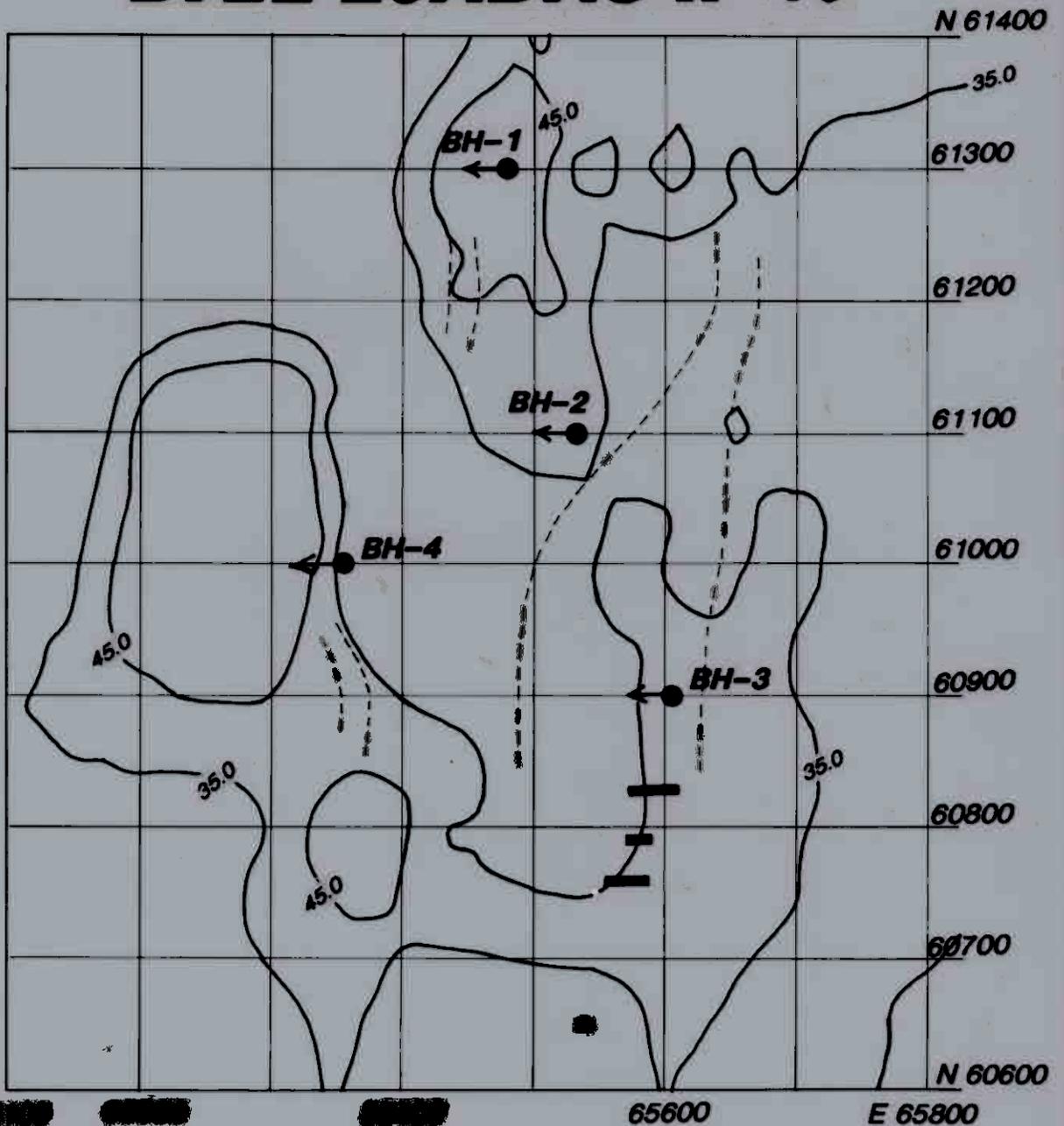
E 65541 i fast fjell

E 65542 Glimmerskifer

Analyse Au ppm Cu %

✱ Prøvepunkt

DÆL'LJADAS IP %



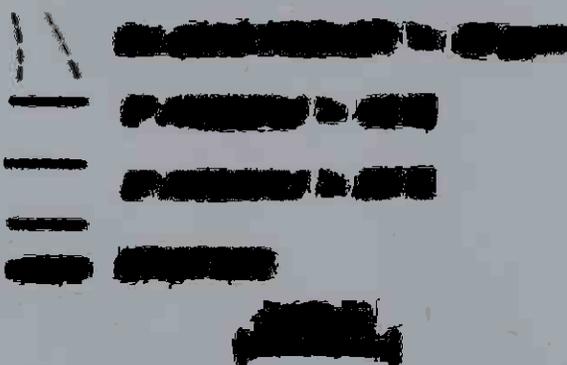
Koordinater for borhull i DÆL'LJADAS

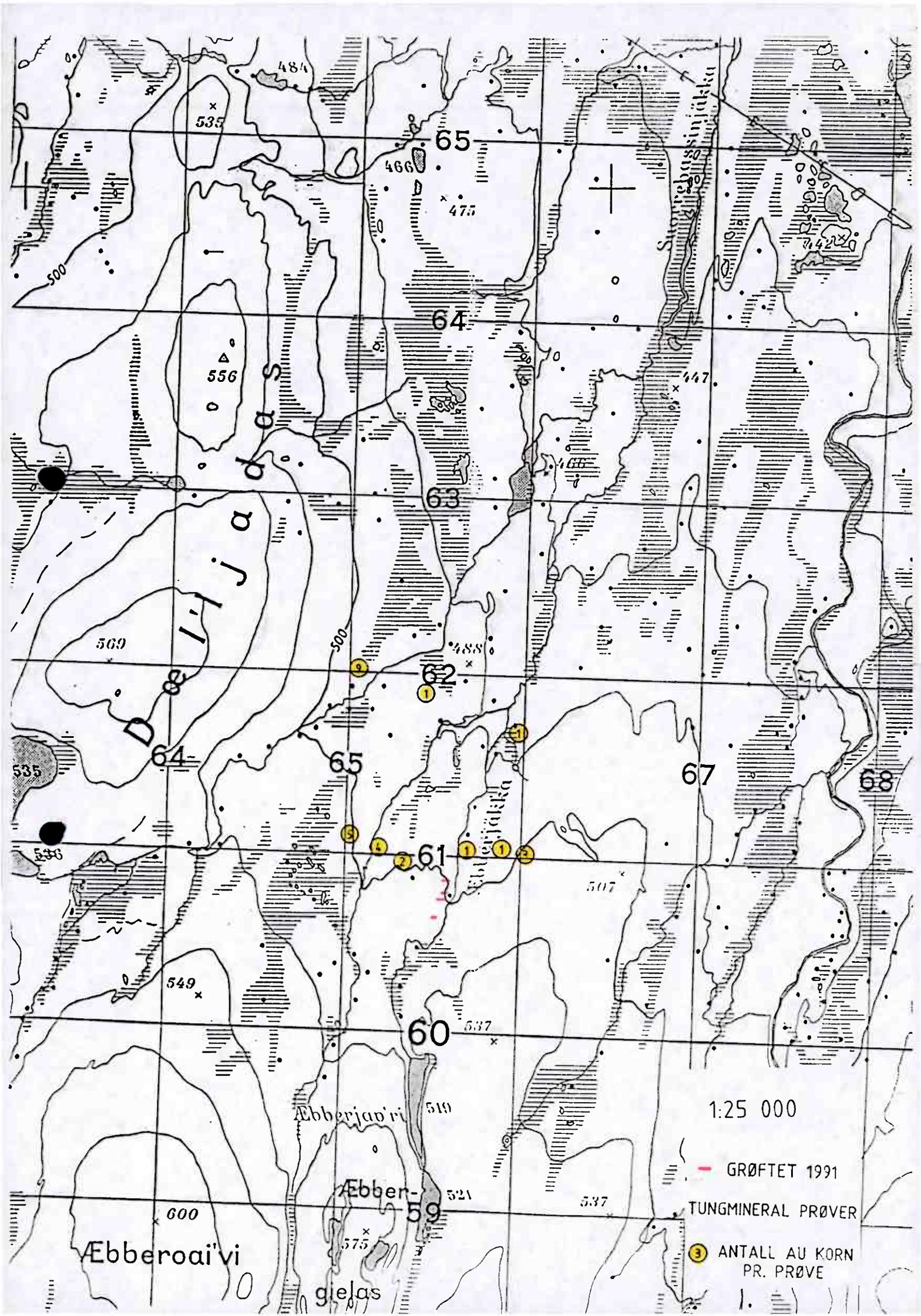
BH-1/E 65480-N 61300

BH-2/E 65530-N 61100

BH-3/E 65600-N 60900

BH-4/E 65350-N 61000





1:25 000

— GRÖFTET 1991

● TUNGMINERAL PRÖVER

③ ANTALL AU KORN PR. PRÖVE

Abberoaví

Abberjavíri

Abber-

gíslas

Deiljadalur

Stóraþessingjökull

Þóttarjökull

560

556

65

64

64

65

67

68

60

59

600

466

475

488

447

507

537

521

575

537

484

535

500

500

535

535

549

519

575

521

537

500

0

0

0

0

0

481

442

0

0

0

0

500

500

500

500

500

0

0

0

0

0

0

0

0

0

0

0

0

500

500

500

500

500

0

0

0

0

0

0

0

0

0

0

0

0

E-65300

N-61300

N-61200

N-61100

N-61000

N-60900

N-60800

BH-1

BH-2

BH-4

BH-3

009

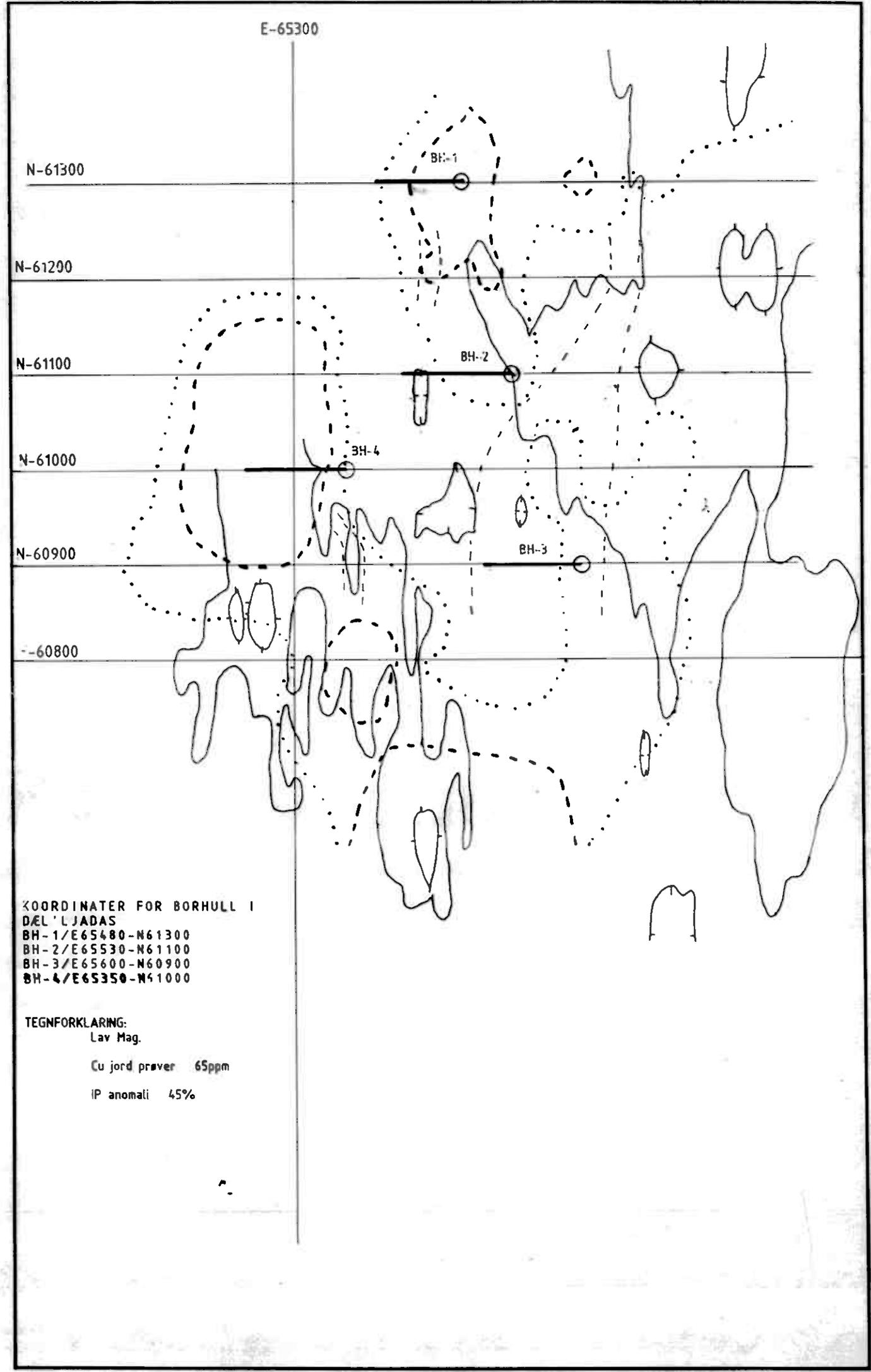
KOORDINATER FOR BORHULL I
 DÆL 'L JADAS
 BH-1/E65480-N61300
 BH-2/E65530-N61100
 BH-3/E65600-N60900
 BH-4/E65350-N61000

TEGNFORKLARING:

Lav Mag.

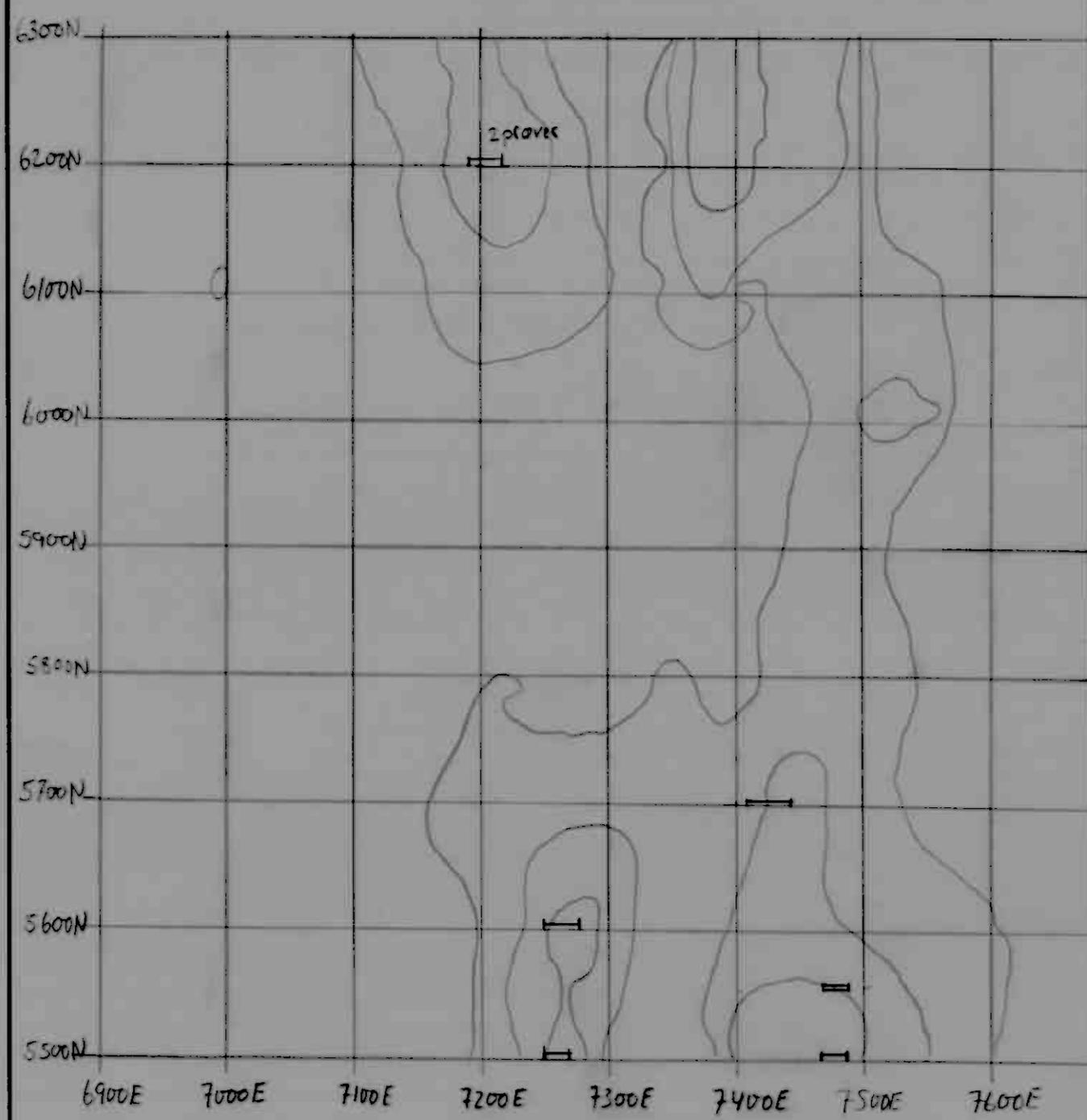
Cu jord prøver 65ppm

IP anomali 45%



7 8 7 8 1 2

6



GRØFTER GÆSSAMARAS 1991

- N 6200 - E 7190 - E 7220 2 prøver i fast fjell
- N 5700 - E 7410 - E 7445 6 prøver i fast fjell, i Albit-Karbonat-bergje
"tynne kvarts band.
- N 5600 - E 7250 - E 7280 Ingen fast fjell
- N 5550 - E 7470 - E 7490 1 prøve i fast fjell
- N 5500 - E 7250 - E 7270 1 " løsblokk i grøft i karbonat
- N 5500 - E 7470 - E 7490 Ingen prøve.

1:5000

E-65300

N-61300

N-61200

N-61100

N-61000

N-60900

N-60800

BH-1

BH-2

BH-4

BH-3

KOORDINATER FOR BORHULL I
DÆL 'L JADAS
BH-1/E65480-N61300
BH-2/E65530-N61100
BH-3/E65600-N60900
BH-4/E65350-N61000

TEGNFORKLARING:

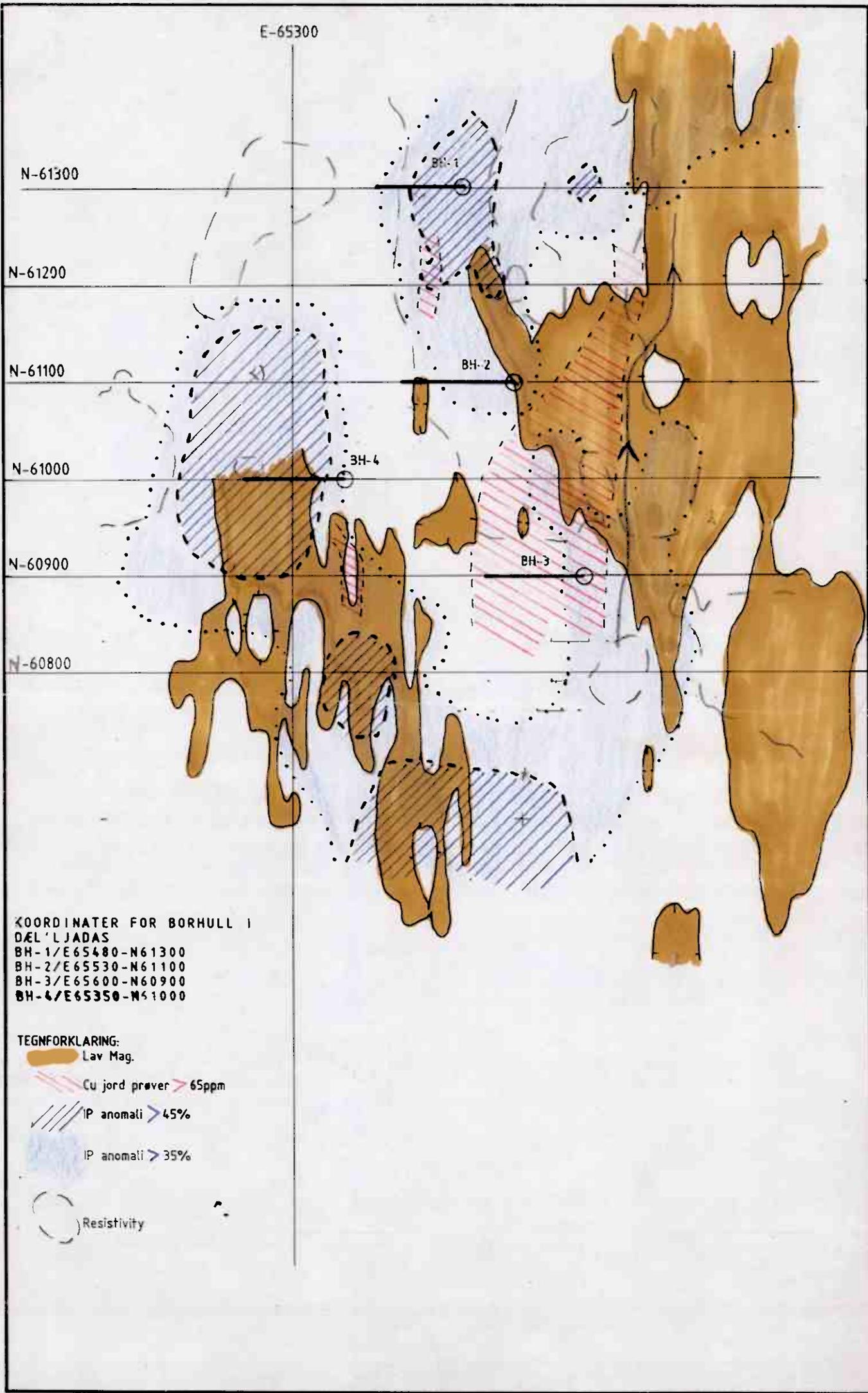
 Lav Mag.

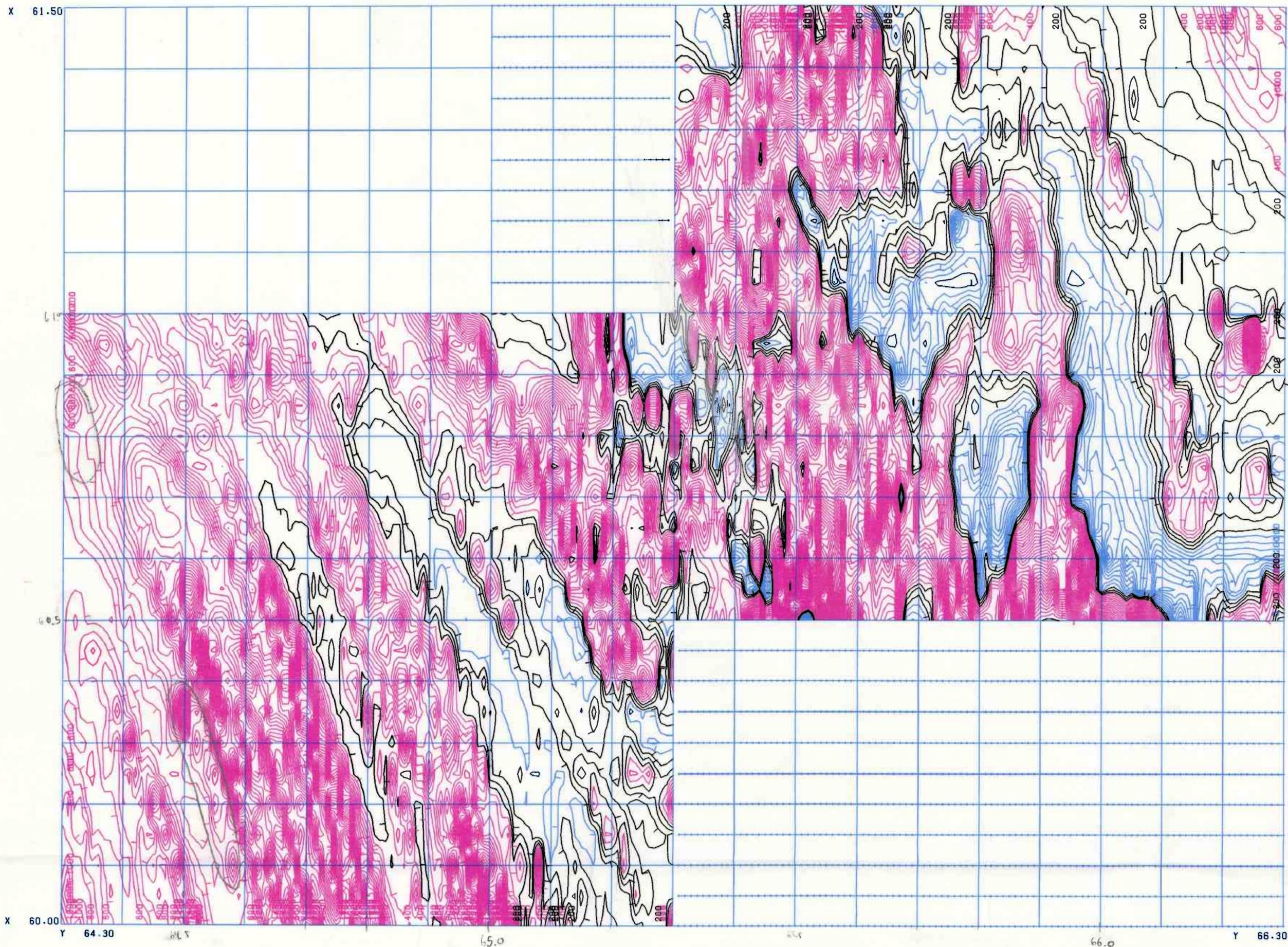
 Cu jord prøver > 65ppm

 IP anomali > 45%

 IP anomali > 35%

 Resistivity





GEOPHYSICS 1/14

SHEET 1833 03 DAELLJADAS

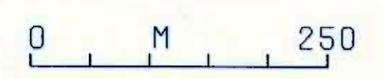
422 MAGNETIC TOTAL FIELD

GRID 50*10 M ← 1990

CONTOURS 52500±100 NT*1

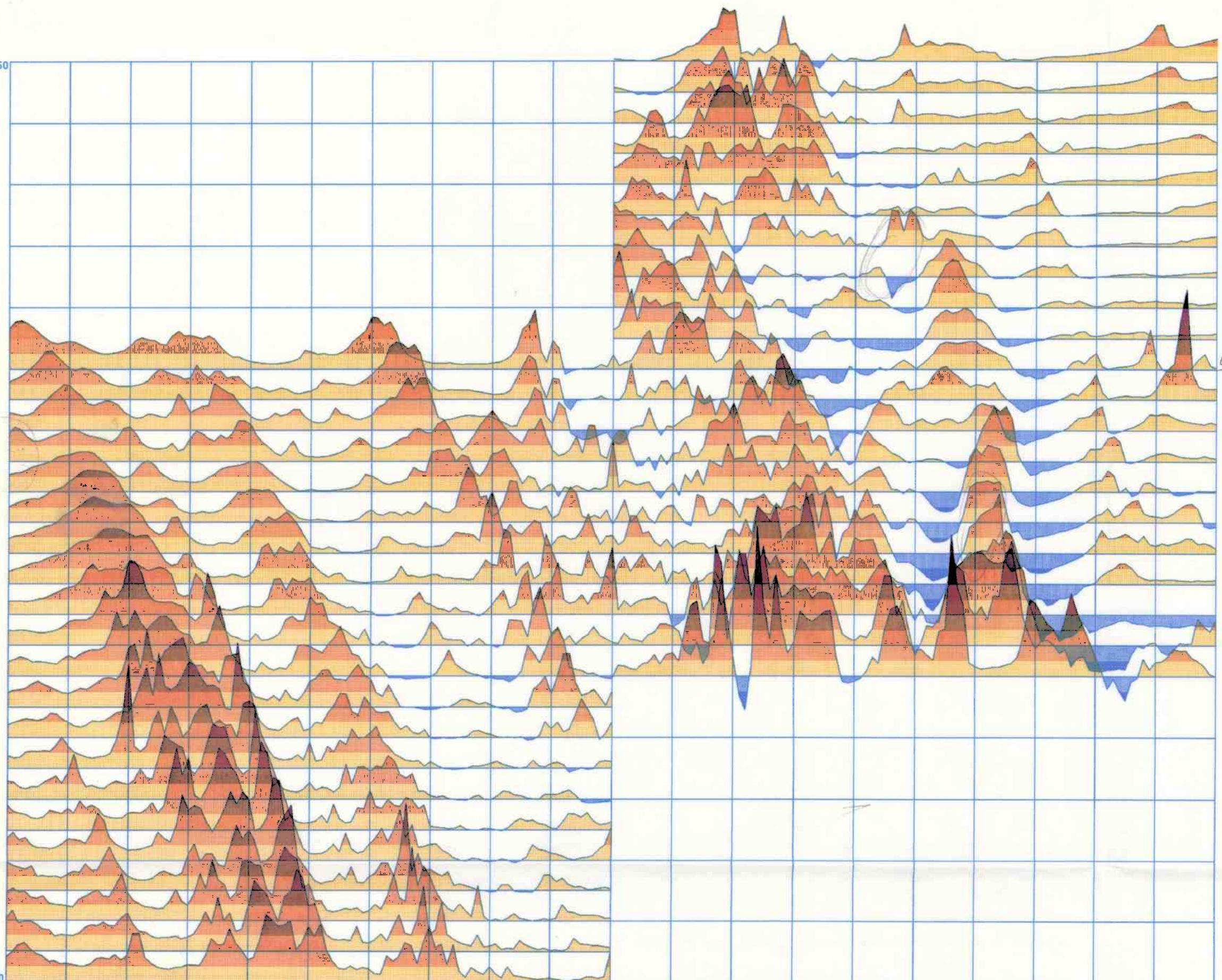
DATE 8.6.1990

SCALE 1:5000



AS BIDJAVAGGE GRUBER

X 61.50



GEOPHYSICS 2/14

SHEET 1833 03 DAELLJADAS
 422 MAGNETIC TOTAL FIELD
 GRID 50*10 M ↔ 1990
 BACKGROUND 52500 NT
 PLOTTING SCALE 1000.0 NT/CM
 DATE 8.6.1990
 SCALE 1:5000



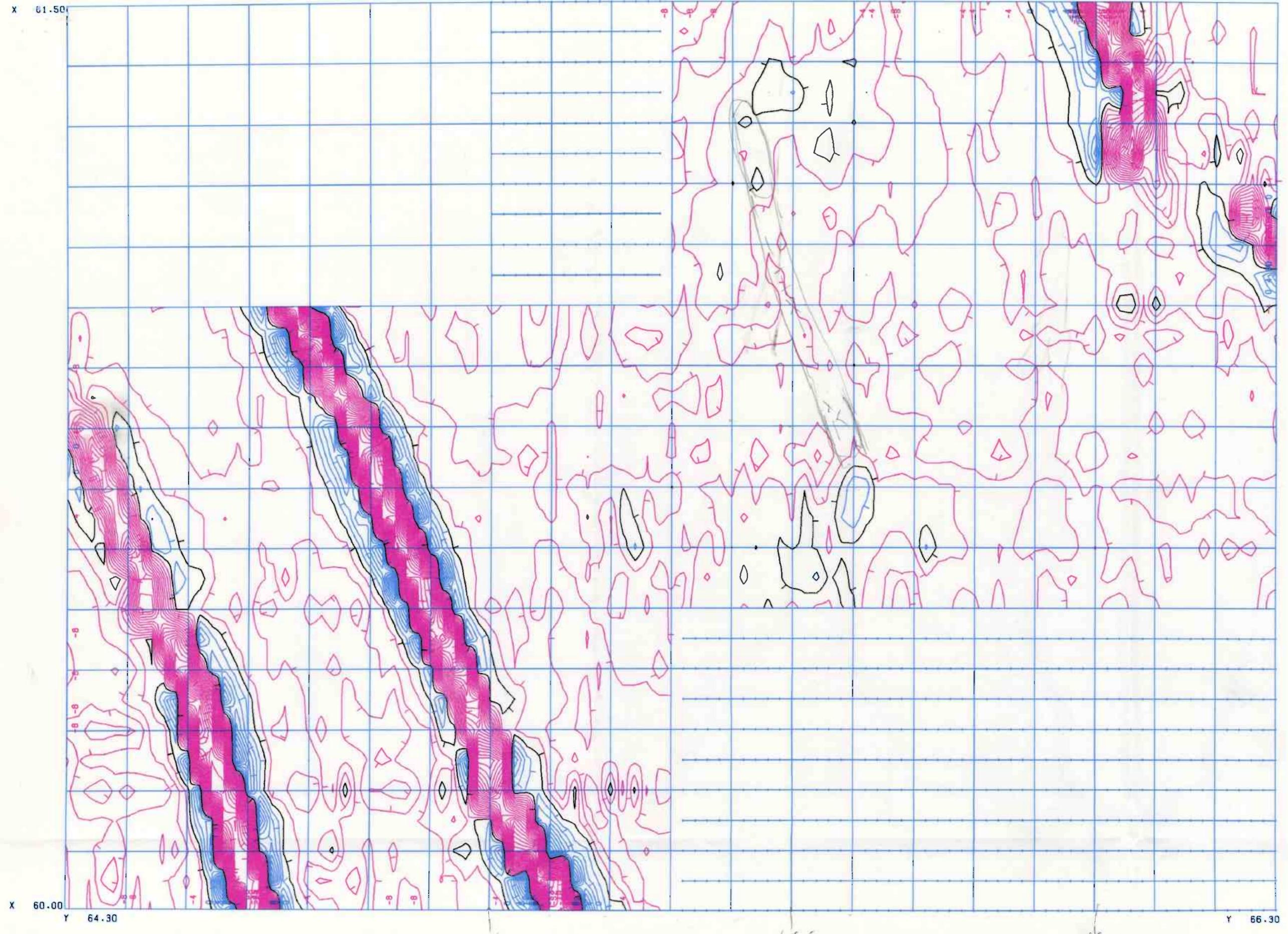
MS BIDJOVASSE GRUBER

Black	> 55500.0 NT
Dark Red	55000.0 - 55500.0
Red	54500.0 - 55000.0
Brown	54000.0 - 54500.0
Orange	53500.0 - 54000.0
Light Orange	53000.0 - 53500.0
Yellow	52500.0 - 53000.0
Light Blue	52000.0 - 52500.0
Blue	51500.0 - 52000.0
Dark Blue	51000.0 - 51500.0
Very Dark Blue	50500.0 - 51000.0
Black	50000.0 - 50500.0
Black	< 50000.0

X 60.00

Y 64.30

Y 66.30



GEOPHYSICS 3/14

SHEET DAELLJADAS

430 SLINGRAM Z-COMP. REAL

GRID 50* 20 M ↔ 1990

A = 60 M F = 7100 HZ

CONTOURS 0±2 %*1

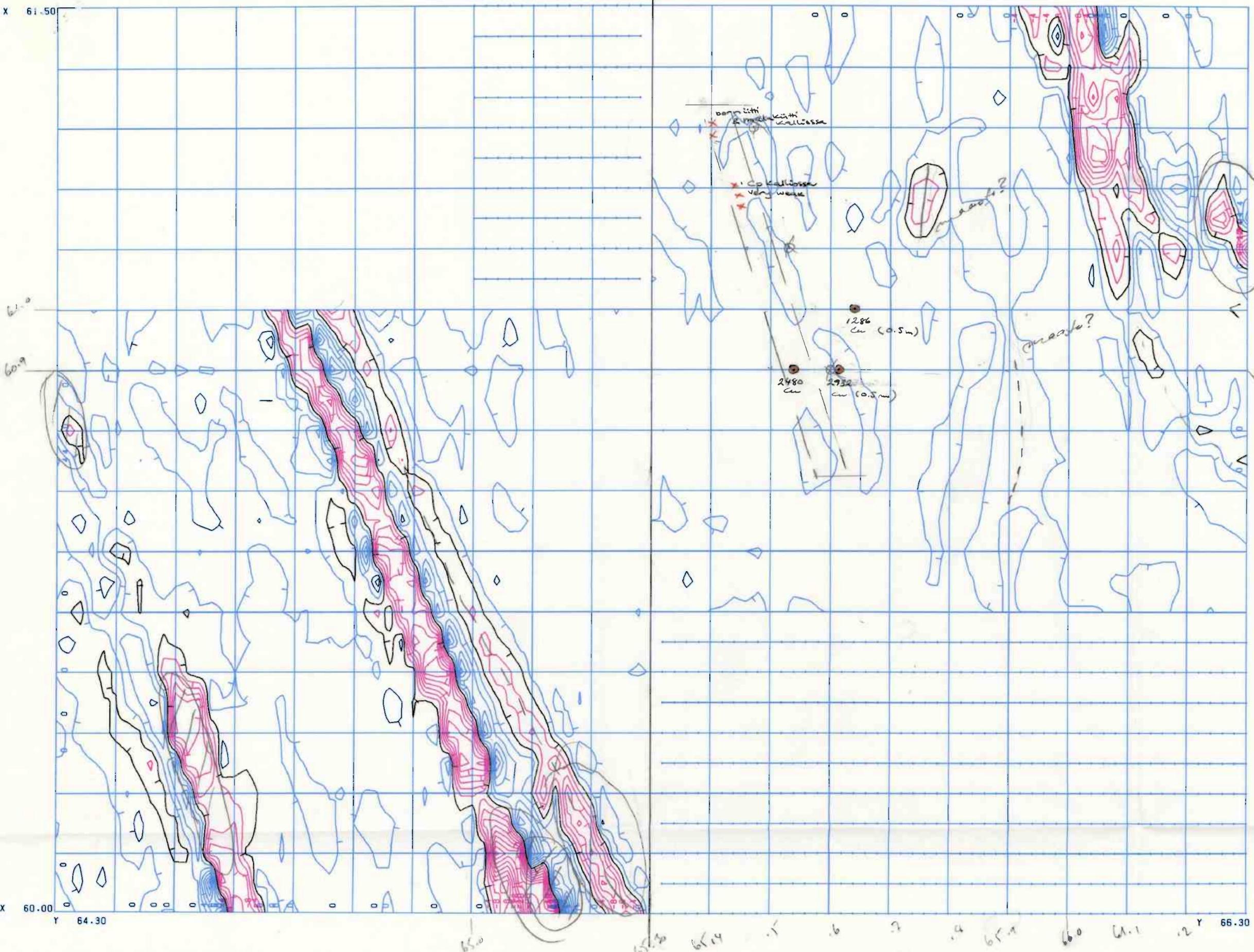
DATE 8.6.1990

SCALE 1:5000



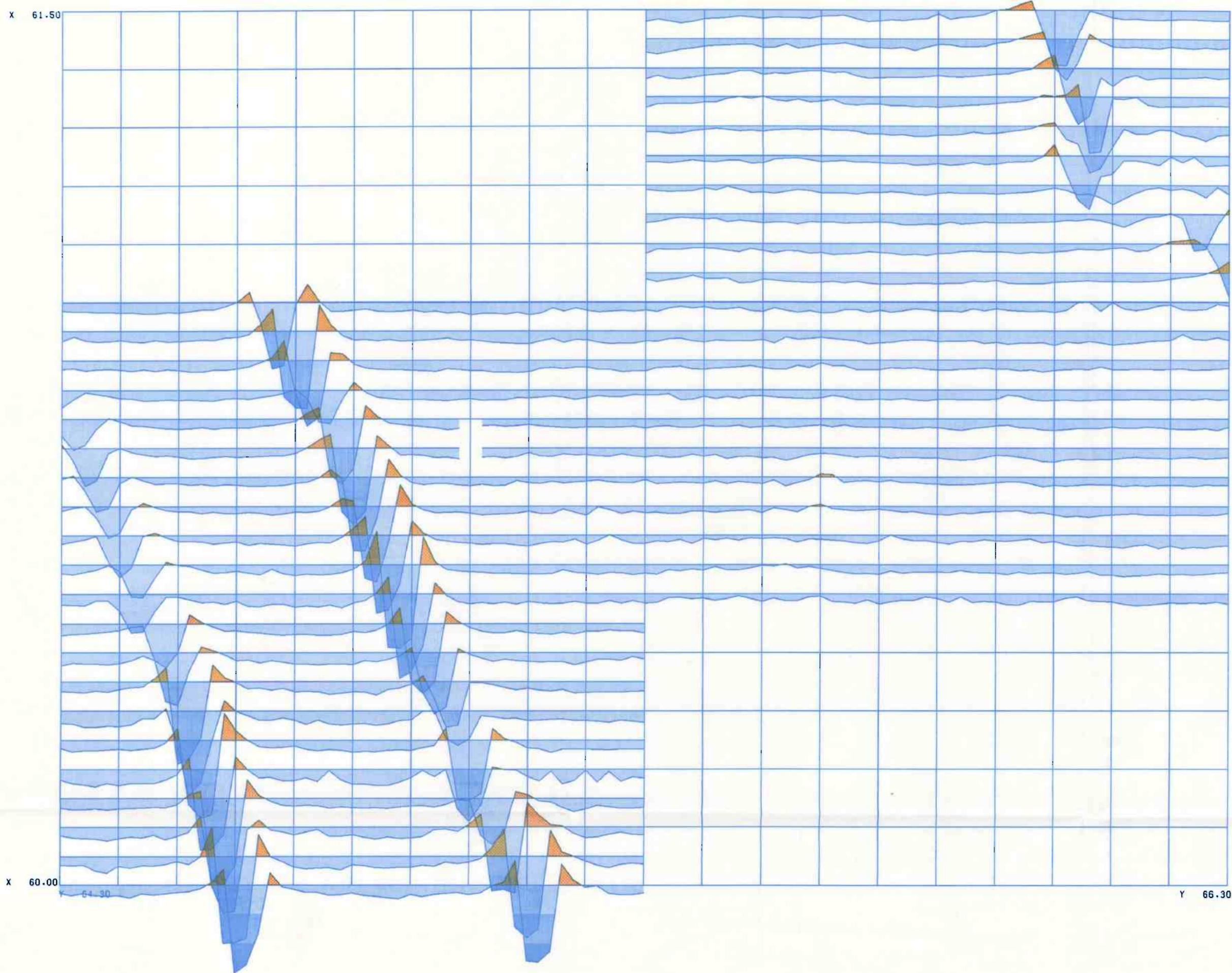
AS BIDJOVAGGE GRUBER

X 61.50
Y 60.00
Y 64.30
65
65.5
66.0
Y 66.30



GEOPHYSICS 4/14
 SHEET DAELLJADAS
 431 SLINGRAM Z-COMP. IMAGINARY
 GRID 50* 20 M → 1990
 A = 60 M F = 7100 HZ
 CONTOURS 0±2 %*1
 DATE 8.6.1990
 SCALE 1:5000
 0 M 250

A/S BIDJOVAGGE GRUBER

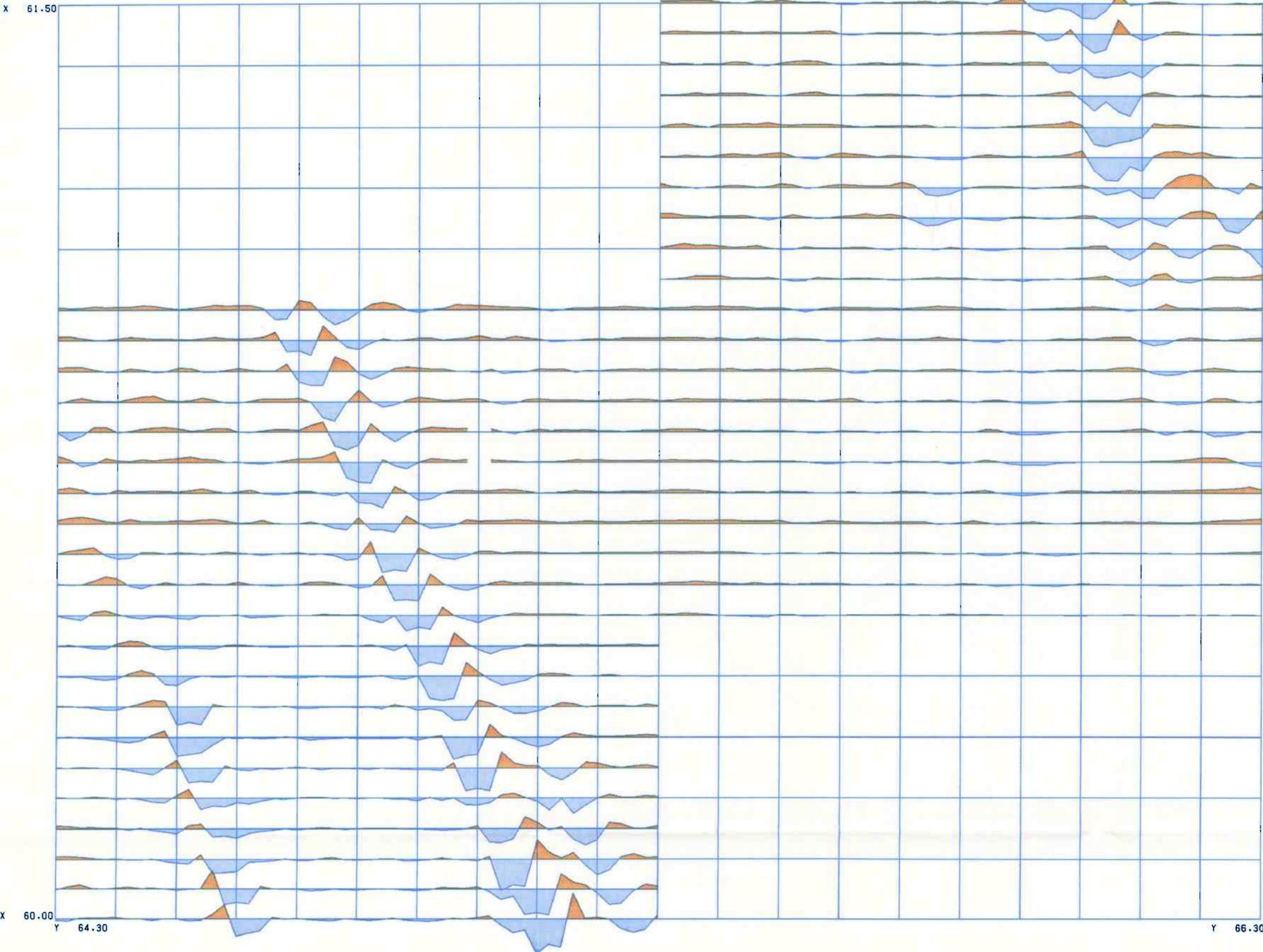


GEOPHYSICS 5/14
 SHEET DAELLJADAS
 430 SLINGRAM Z-COMP. REAL
 GRID 50* 20 M ↔ 1990
 A = 60 M F = 7100 HZ
 BACKGROUND 0 %
 PLOTTING SCALE 20.0 %/CM
 DATE 8.6.1990
 SCALE 1:5000



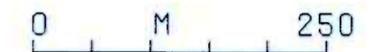
AS BIDJOVAGGE GRUBER

Dark Purple	> 100.0 %
Red	80.0 - 100.0
Orange-Red	60.0 - 80.0
Orange	40.0 - 60.0
Light Orange	20.0 - 40.0
Light Blue	0.0 - 20.0
Blue	-20.0 - 0.0
Dark Blue	-40.0 - -20.0
Very Dark Blue	-60.0 - -40.0
Black-Blue	-80.0 - -60.0
Black	-100.0 - -80.0
Dark Blue	< -100.0



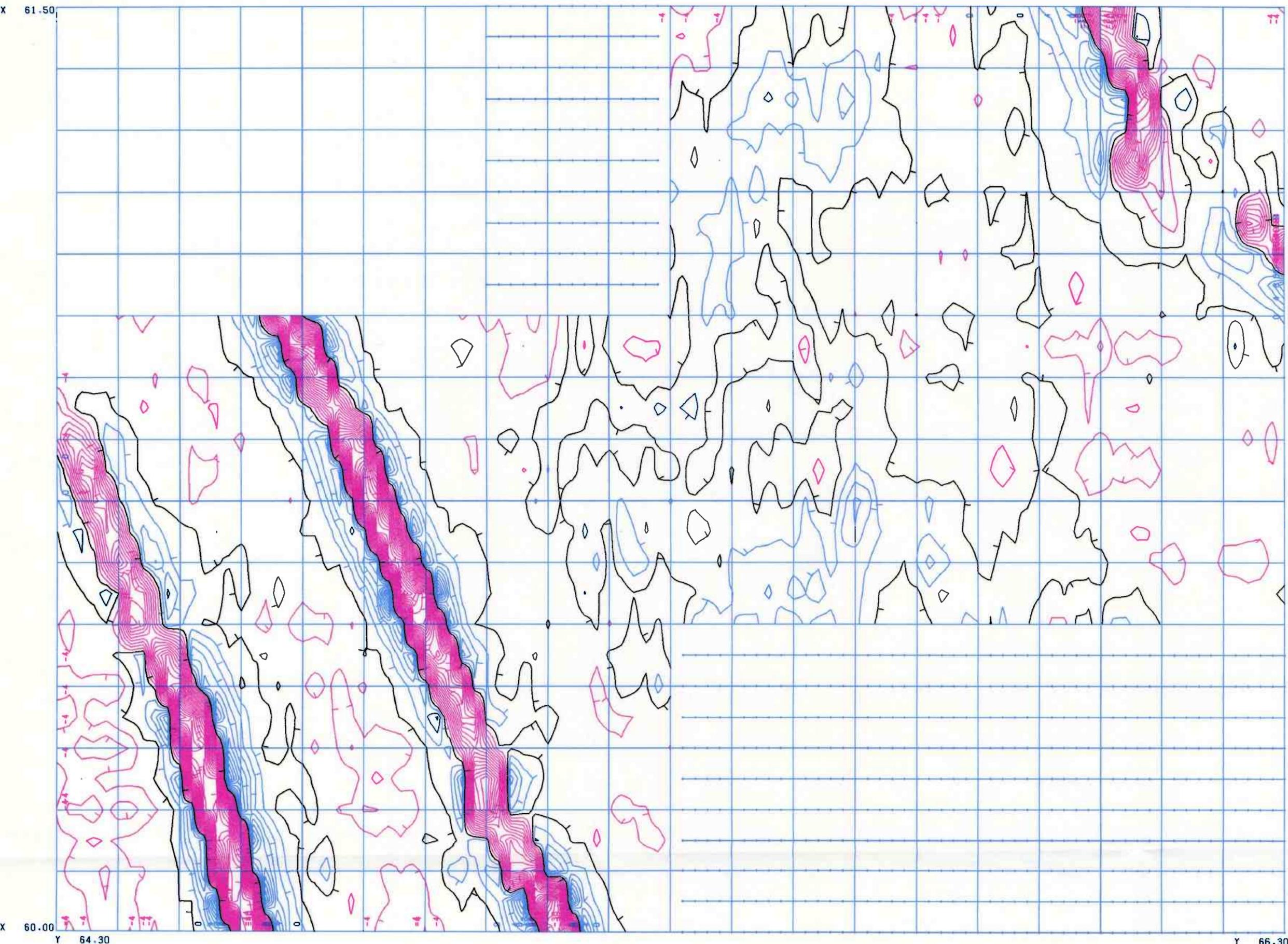
GEOPHYSICS 6/14

SHEET DAELLJADAS
 431 SLINGRAM Z-COMP. IMAGINARY
 GRID 50* 20 M ↔ 1990
 A = 60 M F = 7100 HZ
 BACKGROUND 0 %
 PLOTTING SCALE 20.0 %/CM
 DATE 8.6.1990
 SCALE 1:5000



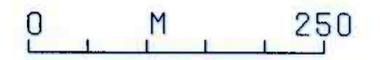
AS BIDJOVAGGE GRUBER

Dark Purple	> 100.0 %
Red	80.0 - 100.0
Light Red	60.0 - 80.0
Orange	40.0 - 60.0
Light Orange	20.0 - 40.0
White	0.0 - 20.0
Light Blue	-20.0 - 0.0
Blue	-40.0 - -20.0
Dark Blue	-60.0 - -40.0
Very Dark Blue	-80.0 - -60.0
Black	-100.0 - -80.0
Dark Blue	< -100.0

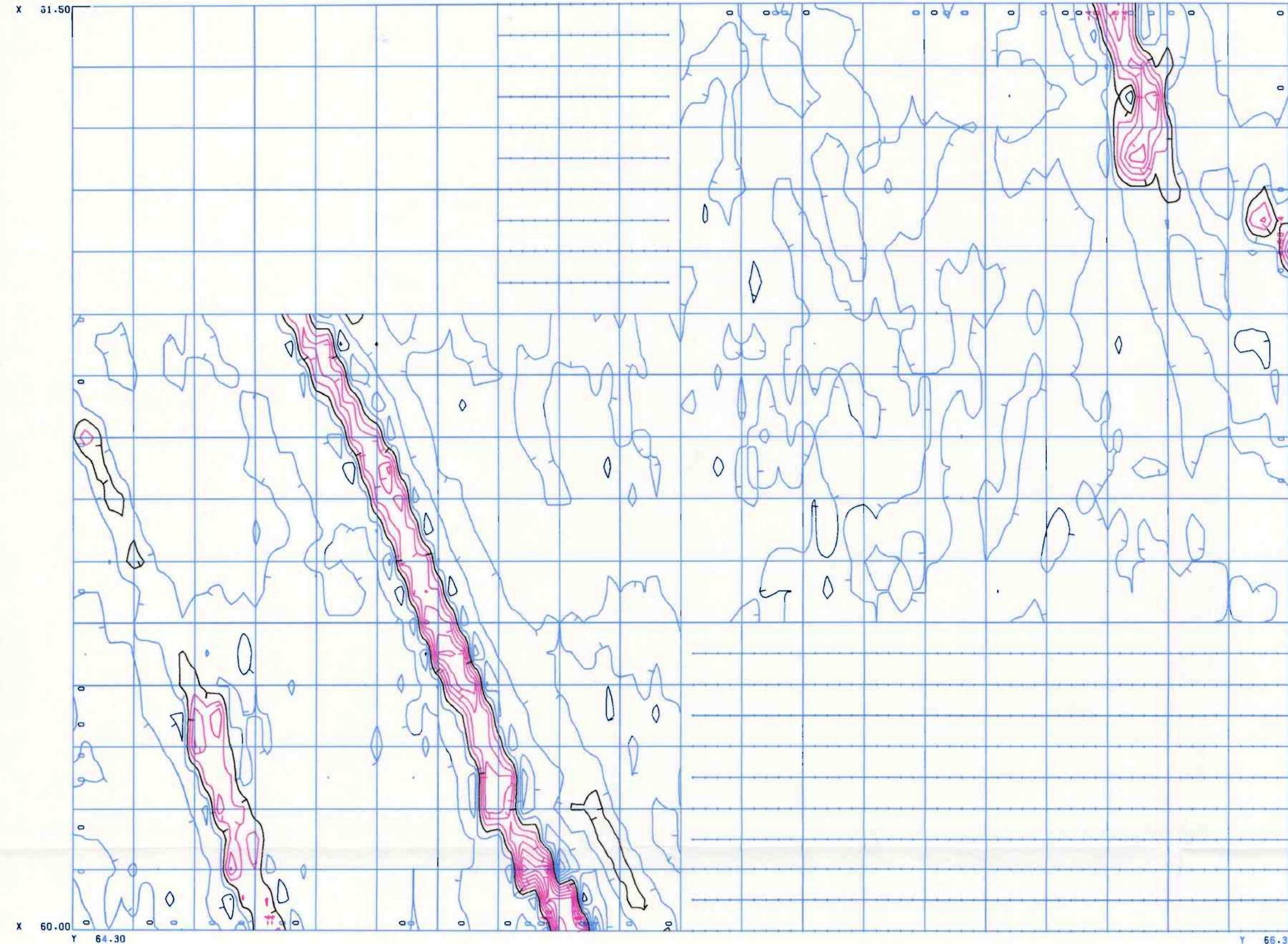


GEOPHYSICS 7/14

SHEET DAELLJADAS
430 SLINGRAM Z-COMP. REAL
GRID 50* 20 M ↔ 1990
A = 60 M F = 1777 HZ
CONTOURS 0±2 %*1
DATE 8.6.1990
SCALE 1:5000



AS BIDJOVAGGE GRUBER



AS BIDJOVAGGE GRUBER

GEOPHYSICS 8/14

SHEET DAELLJADAS
431 SLINGRAM Z-COMP. IMAGINARY
GRID 50* 20 M ↔ 1990
A = 60 M F = 1777 HZ
CONTOURS 0±2 %*1
DATE 8.6.1990
SCALE 1:5000



X 61.50

AS BIDJOVAGGE GRUBER

GEOPHYSICS 9/14

SHEET DAELLJADAS

430 SLINGRAM Z-COMP. REAL

GRID 50* 20 M ↔ 1990

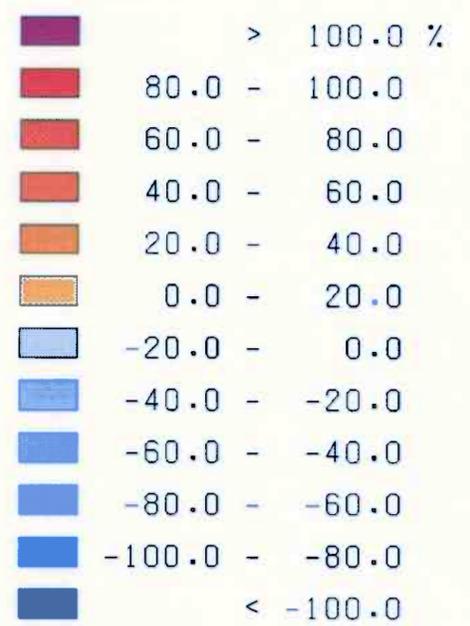
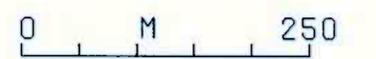
A = 60 M F = 1777 HZ

BACKGROUND 0 %

PLOTTING SCALE 20.0 %/CM

DATE 8.6.1990

SCALE 1:5000



X 60.00

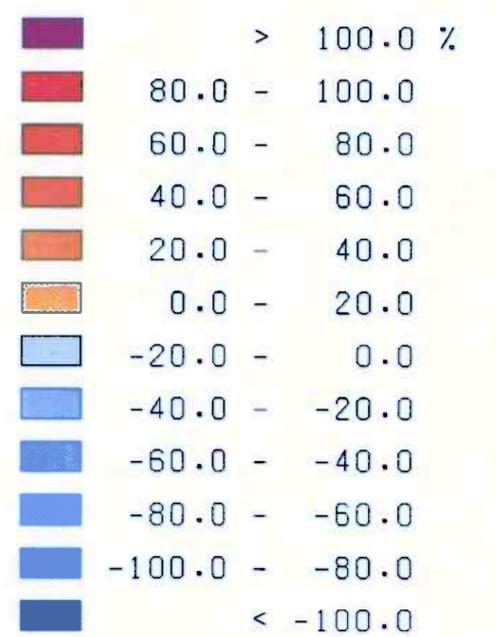
Y 66.30

X 61.50

A/S BIDJOVAGGE GRUBER

GEOPHYSICS 10/14

SHEET DARELLJADAS
 431 SLINGRAM Z-COMP. IMAGINARY
 GRID 50* 20 M ↔ 1990
 A = 60 M F = 1777 HZ
 BACKGROUND 0 %
 PLOTTING SCALE 20.0 %/CM
 DATE 8.6.1990
 SCALE 1:5000



X 60.00

Y 64.30

Y 66.30

61.50

AS BIDJOVAGGE GRUBER

GEOPHYSICS 11/14

SHEET DAELLJADAS

430 SLINGRAM Z-COMP. REAL

GRID 50* 20 M → 1990

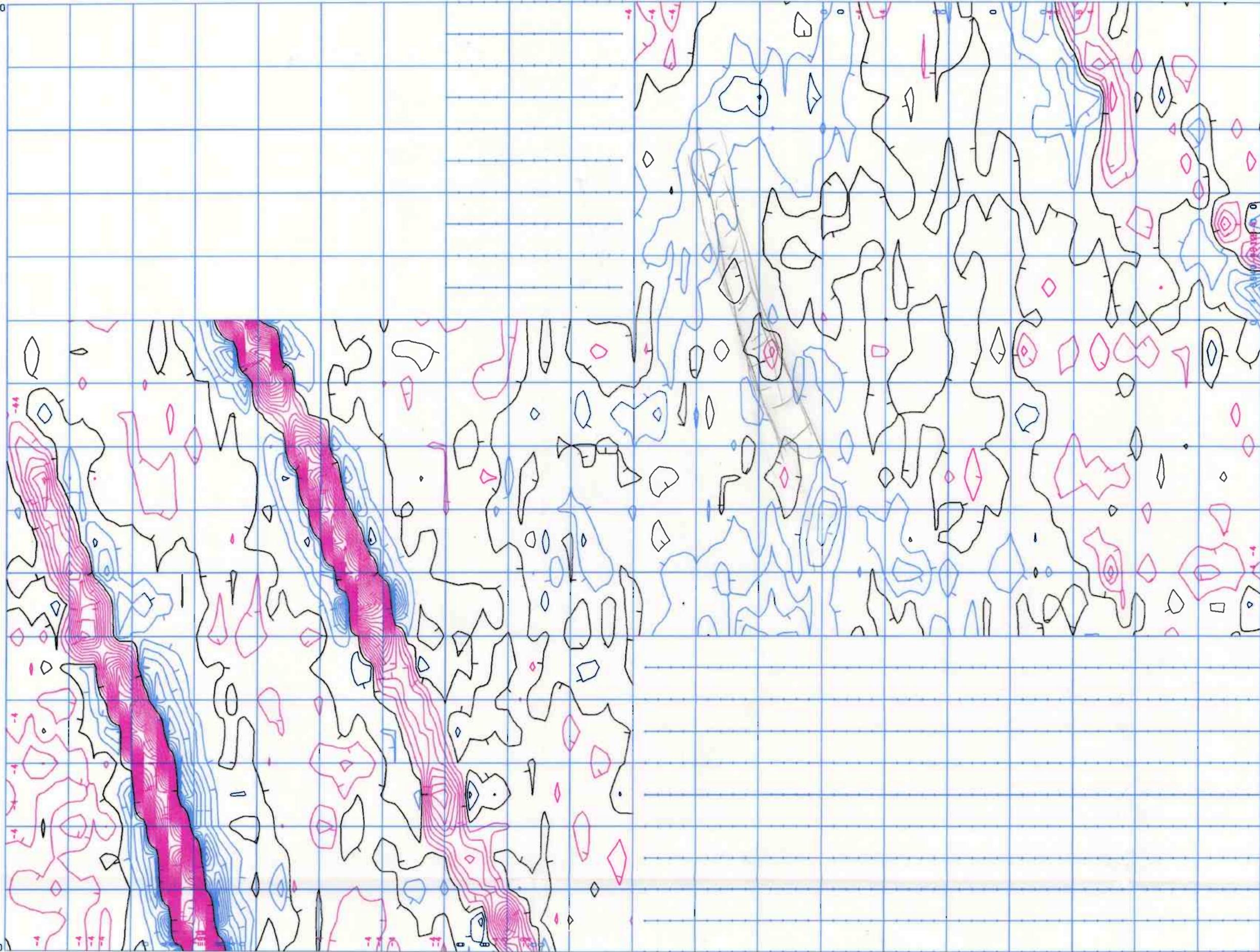
A = 60 M F = 111 HZ

CONTOURS 0±2 %*1

DATE 8.6.1990

SCALE 1:5000

0 M 250



60.00

Y 64.30

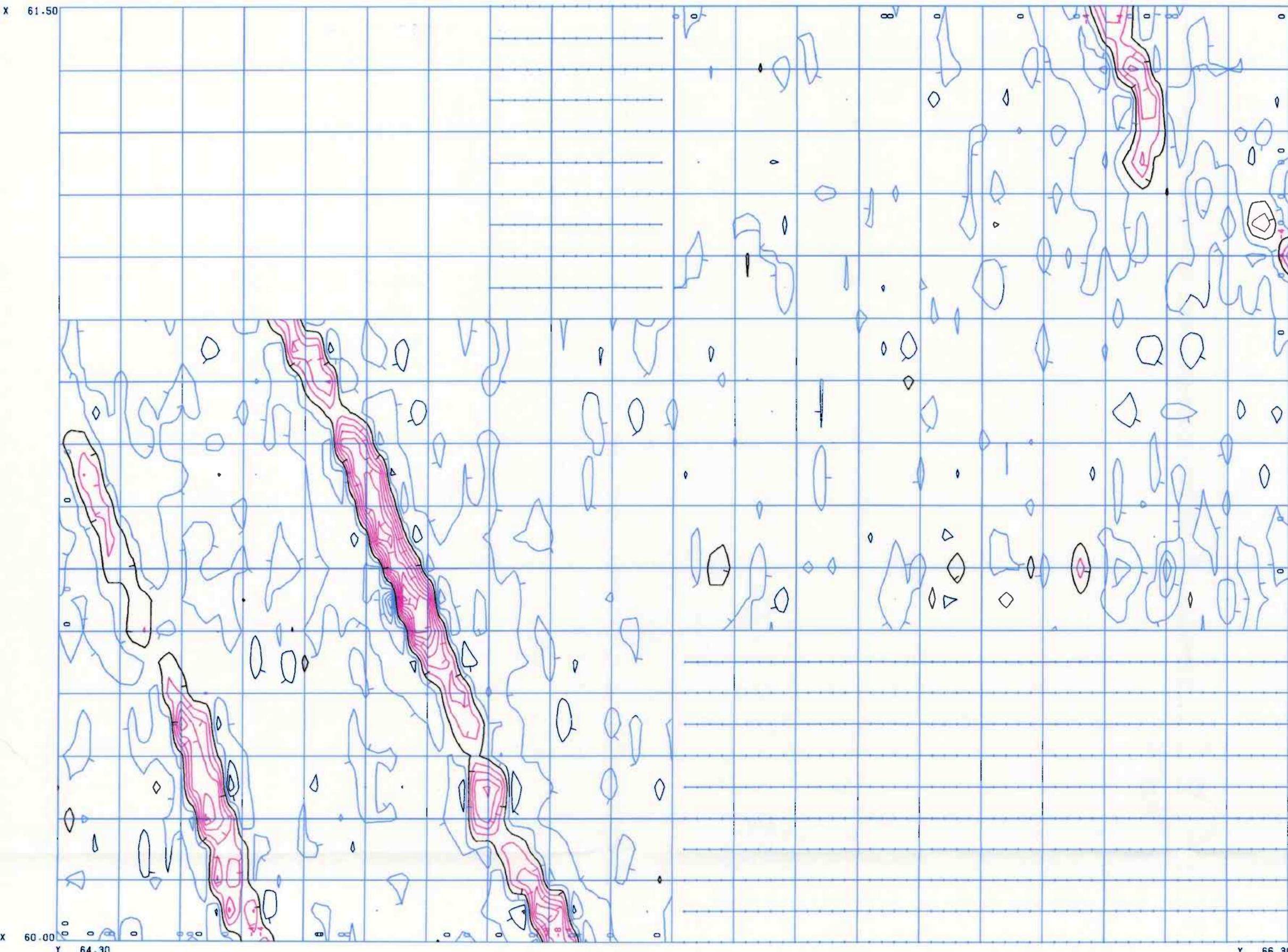
64.5

65

65.5

66

Y 66.30



AS BIDJOVACCE CRUDER

GEOPHYSICS 12/14

SHEET DAELLJADAS

431 SLINGRAM Z-COMP. IMAGINARY

GRID 50* 20 M ↔ 1990

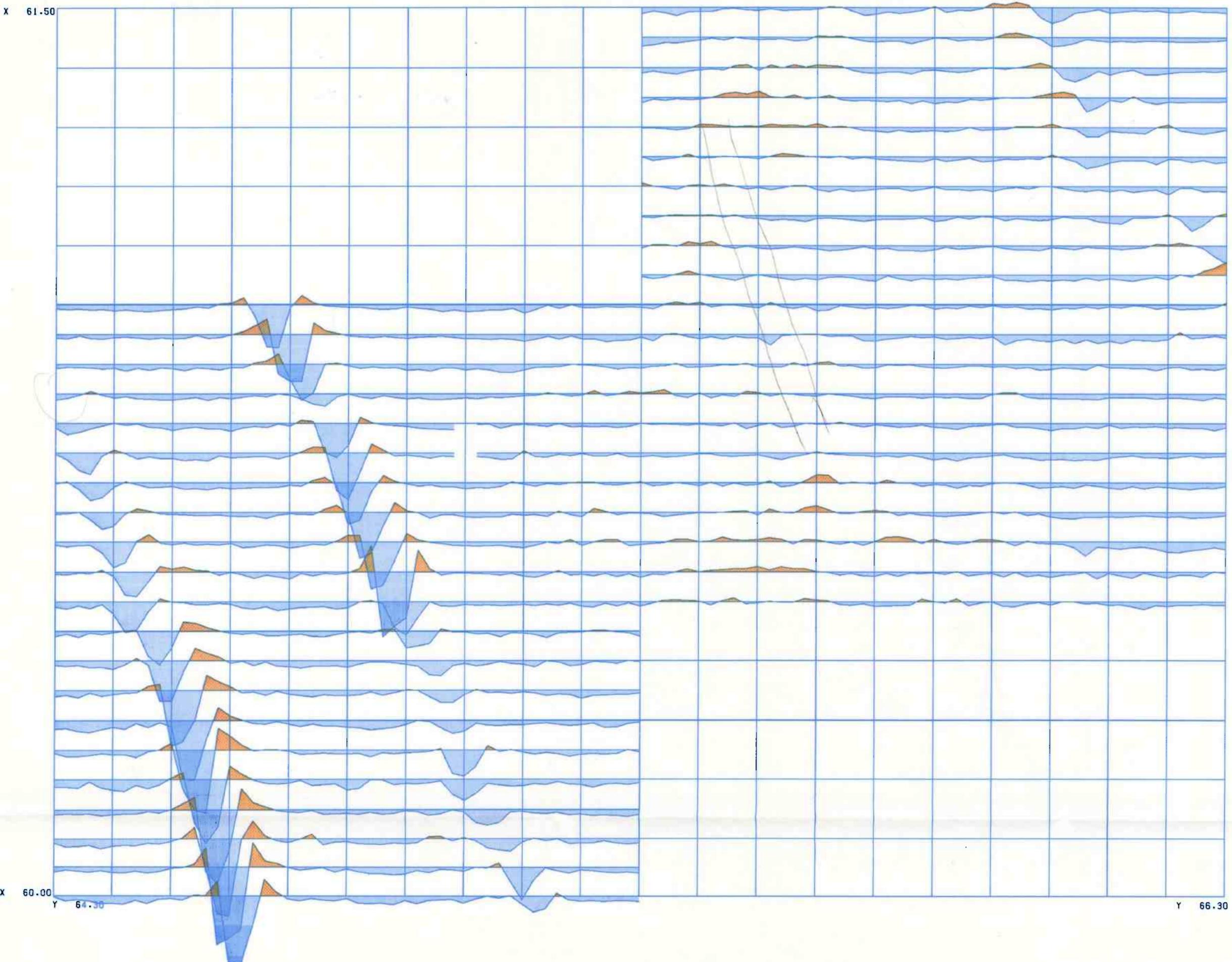
A = 60 M F = 111 HZ

CONTOURS 0±2 %*1

DATE 8.6.1990

SCALE 1:5000

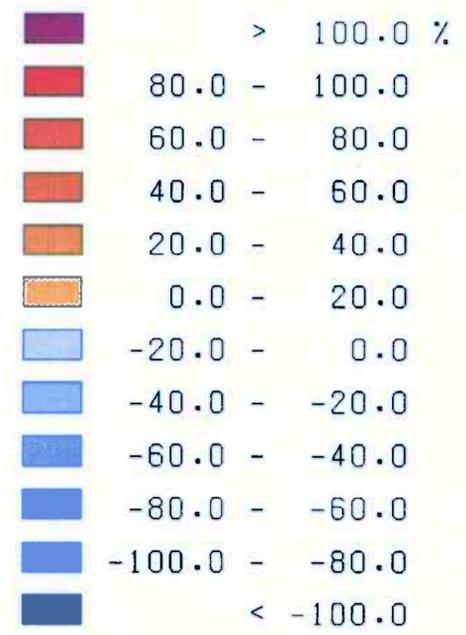
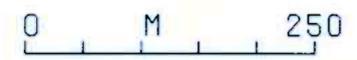




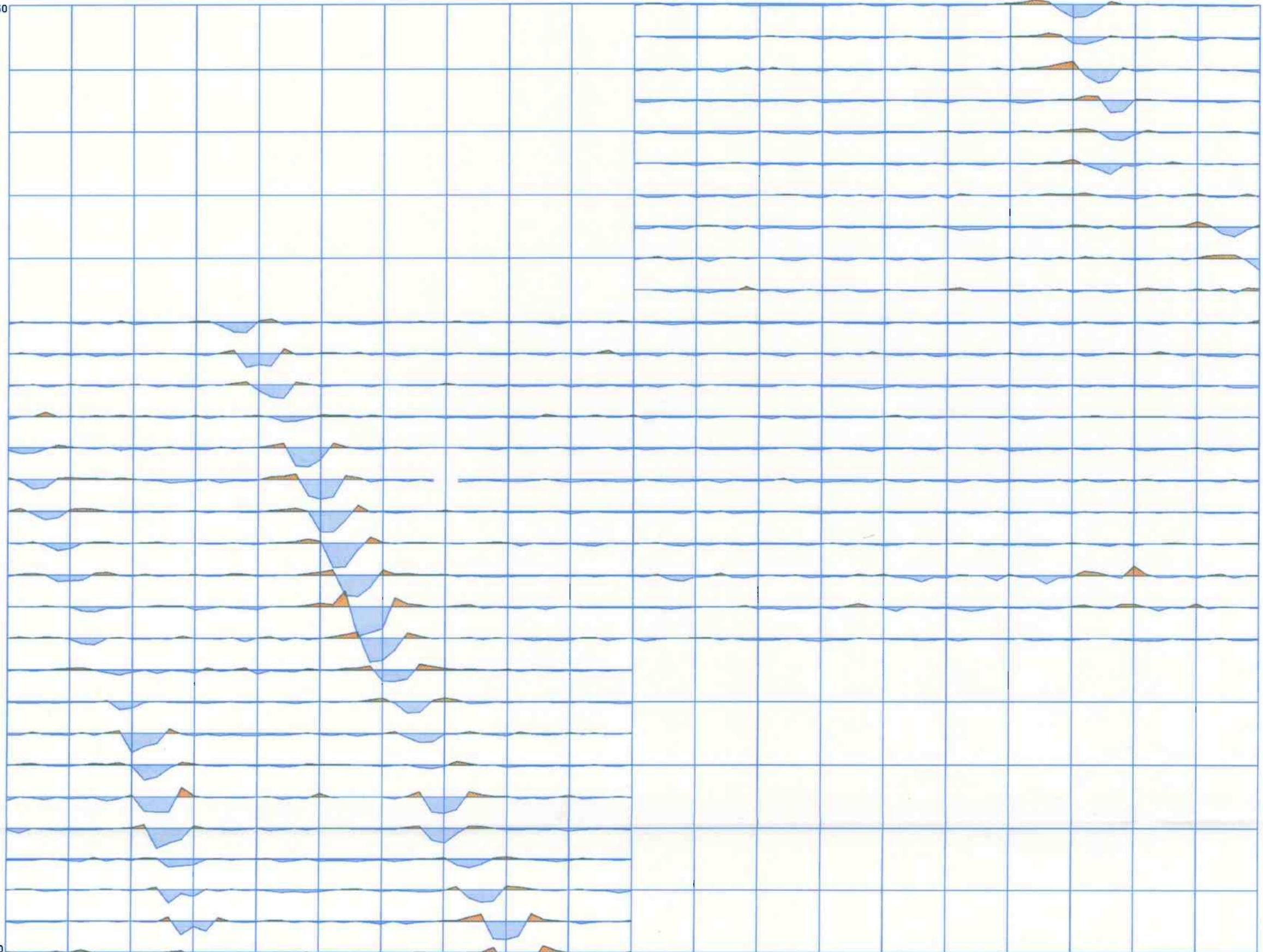
A/S BIDJOVAGGE GRUBER

GEOPHYSICS 13/14

SHEET DAELLJADAS
 430 SLINGRAM Z-COMP. REAL
 GRID 50* 20 M ↔ 1990
 A = 60 M F = 111 HZ
 BACKGROUND 0 %
 PLOTTING SCALE 20.0 %/CM
 DATE 8.6.1990
 SCALE 1:5000

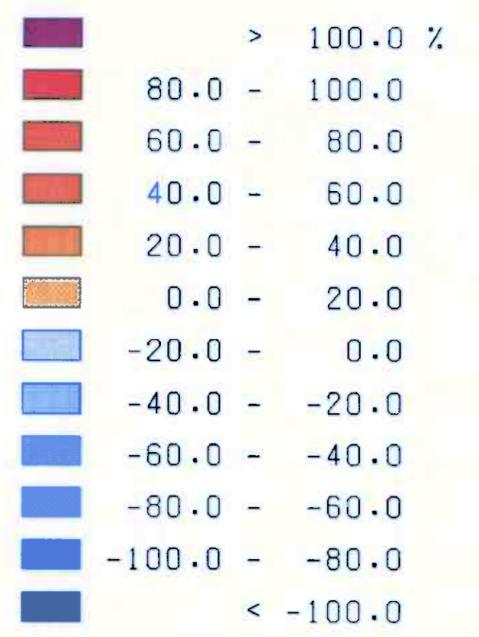


X 61.50



AS BIDJOVAGGE GRUBER
 GEOPHYSICS 14/14

SHEET DAELLJADAS
 431 SLINGRAM Z-COMP. IMAGINARY
 GRID 50* 20 M ↔ 1990
 A = 60 M F = 111 HZ
 BACKGROUND 0 %
 PLOTTING SCALE 20.0 %/CM
 DATE 8.6.1990
 SCALE 1:5000



X 60.00

Y 64.30

Y 66.30