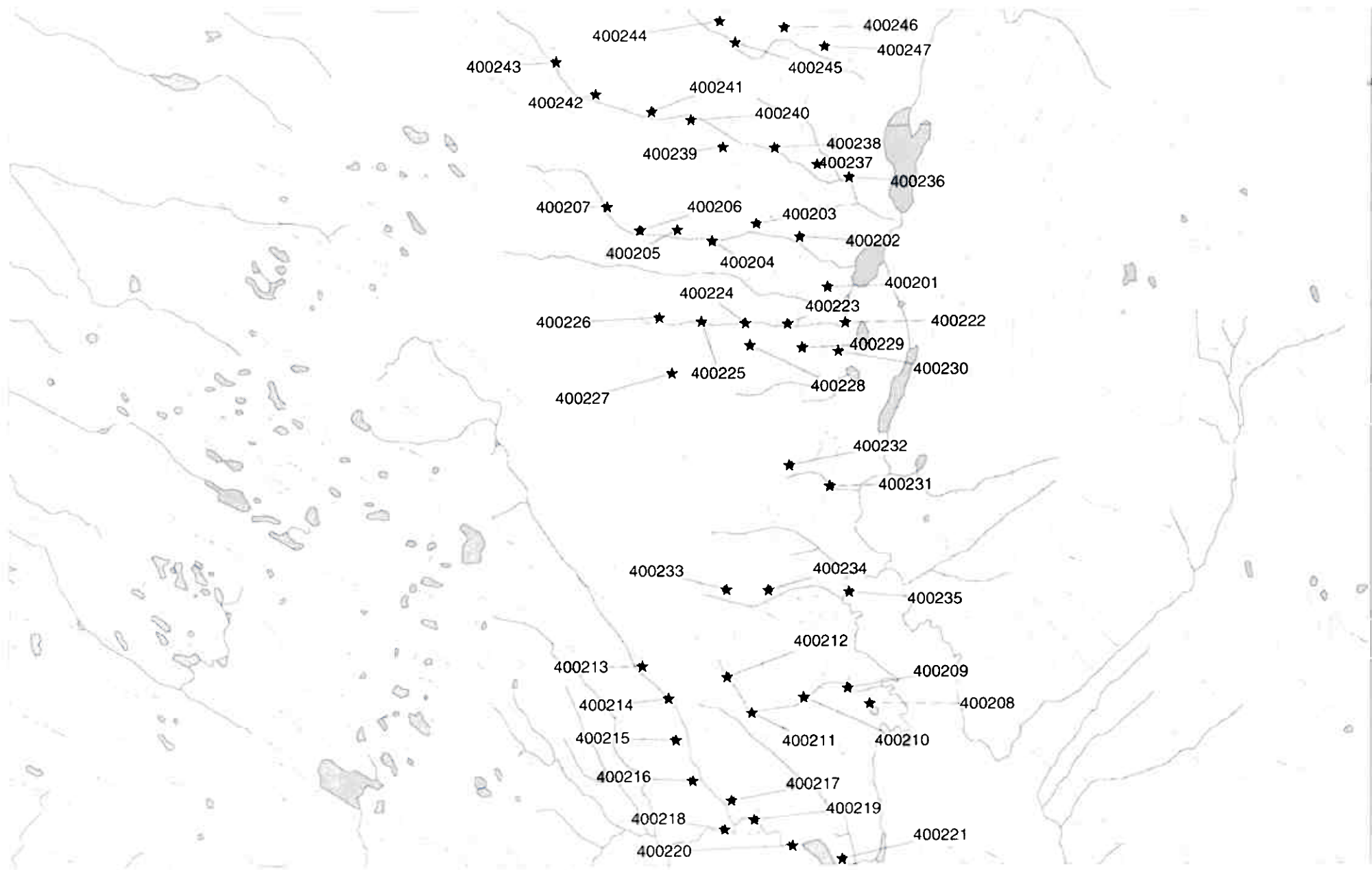




Bergvesenet rapport nr BV 4647	Intern Journal nr 2137/00	Internt arkiv nr	Rapport lokalisering	Gradering Fortrolig
Kommer fra ..arkiv	Ekstern rapport nr	Oversendt fra Crew Development Corporation	Fortrolig pga Muting	Fortrolig fra dato:
Tittel Stream sediments analytic results and plot maps Sjursvollen, Røros				
Forfatter Schlatter, Denis		Dato År 2000	Bedrift (Oppdragsgiver og/eller oppdragstaker) Crew Development Corporation	
Kommune Røros Haltdalen?	Fylke Sør-Trøndelag	Bergdistrikt	1: 50 000 kartblad 17203	1: 250 000 kartblad Røros
Fagområde Geokjemi	Dokument type		Forekomster (forekomst, gruvefelt, undersøkelsesfelt) Sjursvollen	
Råstoffgruppe Malm/metall	Råstofftype Cu Zn			
Sammendrag, innholdsfortegnelse eller innholdsbeskrivelse Stream sediments from Sjursvollen approx 12 km west of Klinkenberg, Røros				

Norway-Roros Crew Project: Sjursvollen sediment samples: scale 1:20'000; UTM zone 32, Northern Hemisphere WGS 84



Stream Sediment samples, Sjørsvollen

field #	lab smpl nbr	UTM X	UTM Y	% org	% silt	% sand/gravel	colour	comments	Be ppm	Na %	Mg %	Al %	P %	K %	Ca %	Sc ppm	Ti %	V ppm	Cr ppm	Mn ppm	Fe %	Co ppm	Ni ppm	Cu ppm	Zn ppm
									ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70
									ppm	%	%	%	%	%	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
SS001	ROR SED 400201	623962	6959417				greybrown		0.5	0.01	0.01	0.01	0.01	0.01	0.01	0.5	0.01	2	1	2	0.01	1	1	0.5	0.5
SS002	ROR SED 400202	623854	6959612	20			brown		-0.5	0.02	0.30	0.42	0.03	0.05	0.13	1.0	0.03	11	24	273	0.85	4	21	7.7	37.6
SS003	ROR SED 400203	623686	6959664	30					-0.5	0.02	0.33	0.73	0.02	0.05	0.16	1.4	0.02	16	32	137	1.28	5	27	11.2	29.8
SS004	ROR SED 400204	623516	6959597	15	50	35			-0.5	0.02	0.36	0.69	0.03	0.08	0.25	1.4	0.03	16	33	629	1.34	7	39	16.1	64.0
SS005	ROR SED 400205	623381	6959640	30	50	20	brown		-0.5	0.02	0.51	0.93	0.04	0.11	0.19	1.8	0.04	26	43	2670	2.51	23	73	20.0	127.0
SS006	ROR SED 400206	623236	6959638	35	45	20	brown		-0.5	0.02	0.46	0.90	0.04	0.10	0.27	2.0	0.03	28	51	3350	2.61	23	82	25.2	124.0
SS007	ROR SED 400207	623111	6959731	50	40	10			-0.5	0.02	0.34	0.72	0.04	0.06	0.25	1.7	0.03	20	33	1820	1.92	18	46	22.7	87.6
SS008	ROR SED 400208	624125	6957780	10	25	65	brown/grey		-0.5	0.02	0.33	0.69	0.04	0.04	0.14	1.6	0.03	17	21	131	1.19	4	14	8.7	33.9
SS009	ROR SED 400209	624040	6957841	30	60	10			-0.5	0.02	0.34	0.75	0.04	0.04	0.19	1.5	0.03	30	30	1490	2.28	18	46	6.7	72.3
SS010	ROR SED 400210	624040	6957841	30	60	10			-0.5	0.02	0.36	0.89	0.04	0.04	0.26	1.8	0.03	35	46	843	2.59	13	42	8.1	55.9
SS011	ROR SED 400211	623870	6957805	50	25	25	brown		-0.5	0.02	0.38	0.96	0.04	0.04	0.23	2.1	0.03	31	57	604	1.54	9	45	11.0	69.3
SS012	ROR SED 400212	623669	6957744	35	35	30	brown		-0.5	0.02	0.28	0.58	0.03	0.04	0.10	1.3	0.02	34	27	708	1.85	11	34	5.8	50.0
SS013	ROR SED 400213	623573	6957886	50	20	30	brown	not good spl.	-0.5	0.02	0.35	0.66	0.04	0.05	0.26	1.8	0.02	23	32	182	0.94	7	31	7.9	38.7
SS014	ROR SED 400214	623247	6957929	30	50	20			-0.5	0.02	0.39	0.66	0.05	0.08	0.17	1.5	0.02	14	24	159	1.09	7	26	14.8	58.3
SS015	ROR SED 400215	623348	6957802	10	70	20	grey	sampled at the bank	-0.5	0.02	0.52	0.81	0.04	0.09	0.15	1.9	0.03	17	33	82	1.13	5	27	13.8	29.0
SS016	ROR SED 400216	623376	6957640	15	50	35	brown, grey		-0.5	0.02	0.51	0.82	0.05	0.12	0.24	2.0	0.03	18	29	790	1.66	11	42	17.3	87.0
SS017	ROR SED 400217	623441	6957491	10	50	40	grey		-0.5	0.02	0.45	0.62	0.05	0.09	0.21	1.6	0.03	15	25	537	1.22	8	32	11.7	54.8
SS018	ROR SED 400218	623590	6957414	10	60	30	grey		-0.5	0.02	0.45	0.65	0.05	0.08	0.20	1.6	0.02	14	26	321	1.11	7	30	11.0	55.2
SS019	ROR SED 400219	623565	6957300	10	35	55	grey		-0.5	0.02	0.64	1.09	0.04	0.08	0.20	2.7	0.04	26	36	372	1.79	10	28	13.7	60.0
SS020	ROR SED 400220	623678	6957338	10	30	60	grey		-0.5	0.02	0.57	0.85	0.04	0.09	0.19	2.2	0.04	21	32	424	1.50	9	32	15.5	58.6
SS021	ROR SED 400221	623827	6957236	10	45	45	grey		-0.5	0.02	0.56	0.82	0.04	0.09	0.21	2.2	0.04	20	32	189	1.33	7	26	15.3	43.0
SS022	ROR SED 400222	624020	6957185	15	40	45	brownish, grey		-0.5	0.02	0.59	0.89	0.05	0.09	0.23	2.3	0.04	21	32	394	1.59	8	31	14.1	51.0
SS023	ROR SED 400223	624031	6959277	15	60	25	brown		-0.5	0.02	0.48	0.84	0.03	0.07	0.16	1.6	0.04	21	35	706	1.85	8	34	8.3	54.7
SS024	ROR SED 400224	623806	6959272	20	50	30	brown, grey		-0.5	0.02	0.23	0.44	0.02	0.03	0.11	0.9	0.02	12	21	1580	1.57	10	33	4.9	40.4
SS025	ROR SED 400225	623645	6959275	15	25	60	brown, grey		-0.5	0.02	0.32	0.77	0.04	0.08	0.19	1.1	0.02	24	32	15240	7.33	51	196	10.9	139.0
SS026	ROR SED 400226	623475	6959282	15	65	20	brown, grey		-0.5	0.02	0.19	0.43	0.02	0.03	0.14	1.0	0.02	11	21	1710	1.57	11	46	5.7	55.8
SS027	ROR SED 400227	623312	6959298	15	65	20	grey brown	little act. sed.	-0.5	0.02	0.15	0.47	0.03	0.03	0.10	0.9	0.03	13	21	1720	1.30	12	18	3.9	33.5
SS028	ROR SED 400228	623361	6959080	30	50	20	grey brown		-0.5	0.02	0.32	0.51	0.04	0.04	0.18	1.0	0.02	16	22	377	1.78	8	19	5.1	36.4
SS029	ROR SED 400229	623662	6959190	20	60	20	brownish grey		-0.5	0.02	0.24	0.43	0.03	0.03	0.11	1.6	0.02	10	25	3740	1.53	5	50	10.0	19.1
SS030	ROR SED 400230	623864	6959181	30	60	10	brown		-0.5	0.02	0.23	0.54	0.03	0.03	0.08	1.0	0.02	14	24	435	1.41	6	20	7.0	23.0
SS031	ROR SED 400231	624004	6959167	20	40	40	brown		-0.5	0.02	0.28	0.57	0.04	0.03	0.15	1.2	0.02	15	25	1150	1.46	8	34	5.7	52.6
SS032	ROR SED 400232	623972	6958633	10	30	60	light brown		-0.5	0.02	0.32	0.64	0.03	0.07	0.10	1.1	0.03	15	25	2990	1.70	14	49	5.6	49.0
SS033	ROR SED 400233	623814	6958714	40	30	30	light brown		-0.5	0.02	0.32	0.58	0.04	0.06	0.15	1.3	0.02	12	26	235	1.20	5	23	5.4	24.0
SS034	ROR SED 400234	623572	6958226	20	30	50	dark grey		-0.5	0.02	0.28	0.47	0.02	0.04	0.17	1.2	0.02	15	26	619	1.37	13	62	4.7	29.5
SS035	ROR SED 400235	623733	6958224	20	50	30	greyish brown		-0.5	0.02	0.25	0.49	0.03	0.04	0.11	1.0	0.02	13	18	338	0.94	6	20	5.2	28.2
SS036	ROR SED 400236	624046	6958217	20	40	40	brown		-0.5	0.02	0.30	0.66	0.03	0.05	0.21	1.5	0.02	16	25	1130	1.75	7	52	8.2	65.2
SS037	ROR SED 400237	624045	6959846	10	70	20	brown, grey		-0.5	0.02	0.76	1.00	0.07	0.14	0.24	2.4	0.04	25	48	306	1.78	11	46	17.9	50.8
SS038	ROR SED 400238	623922	6959898	5	70	25	light grey		-0.5	0.02	1.76	2.09	0.08	0.43	0.27	4.6	0.08	48	86	502	3.39	17	114	41.2	82.5
SS039	ROR SED 400239	623756	6959962	10	50	40	brown		-0.5	0.02	0.87	1.17	0.06	0.16	0.26	2.6	0.05	29	51	739	2.25	12	56	18.1	75.1
SS040	ROR SED 400240	623558	6959965	10	40	50	brown		-0.5	0.02	0.79	1.05	0.06	0.15	0.22	2.3	0.05	26	45	607	1.96	11	49	18.1	59.3
SS041	ROR SED 400241	623433	6960072	5	50	45	grey brown		-0.5	0.02	1.04	1.27	0.07	0.21	0.27	3.0	0.05	31	56	667	2.29	15	66	25.6	66.4
SS042	ROR SED 400242	623281	6960105	20	40	40	grey brown		-0.5	0.02	0.38	0.58	0.03	0.06	0.11	1.2	0.02	15	28	1270	1.66	14	36	6.6	51.7
SS043	ROR SED 400243	623066	6960175	15	70	15	brown grey		-0.5	0.02	0.25	0.47	0.02	0.03	0.11	1.0	0.02	11	20	193	0.98	4	16	7.4	20.1
SS044	ROR SED 400244	622913	6960302	10	20	70	red-brown grey		-0.5	0.03	0.38	0.62	0.04	0.06	0.20	2.8	0.02	14	54	138	1.31	5	35	25.0	32.0
SS045	ROR SED 400245	623545	6960460	20	65	15	grey brown		-0.5	0.02	0.38	0.82	0.03	0.05	0.18	2.2	0.03	24	42	2330	3.60	17	68	11.3	72.3
SS046	ROR SED 400246	623604	6960377	60	20	20	brown	not good spl.	-0.5	0.02	0.79	1.24	0.05	0.10	0.28	3.0	0.05	35	54	1690	2.38	19	91	11.7	105.0
SS047	ROR SED 400247	623792	6960435	30	20	50	brown		-0.5	0.02	1.07	1.51	0.06	0.17	0.38	3.4	0.06	38	57	4610	4.92	35	144	21.6	195.0
	NIST 8606	623949	6960361	40	30	30	blue grey (chlonte) to brown		-0.5	0.02	0.82	1.29	0.06	0.10	0.22	3.6	0.06	36	59	648	2.72	15	69	17.2	86.1
	DUP-SED 400201							standard	1.6	0.03	0.36	1.13	0.17	0.10	7.52	2.9	0.07	15	19	4110	4.66	5	15	42.1	44.7
	DUP-SED 400213							duplicate	-0.5	0.02	0.29	0.40	0.03	0.05	0.13	1.0	0.02	10	21	255	0.81	5	21	8.9	35.6
	DUP-SED 400225							duplicate	-0.5	0.02	0.38	0.64	0.04	0.07	0.16	1.5	0.02	14	23	153	1.06	6	25	14.3	57.4
	DUP-SED 400237							duplicate	-0.5	0.02	0.19	0.43	0.02	0.03	0.14	1.0	0.02	11	21	1670	1.59	12	47	6.1	56.7
	DUP-SED 399501							duplicate	-0.5	0.02	1.75	2.07	0.08	0.43	0.27	4.6	0.08	48	84	501	3.39	18	117	41.7	81.6

Stream Sediment samples, Sjørsvollen

lab smpl nbr	As ppm	Sr ppm	Y ppm	Zr ppm	Mo ppm	Ag ppm	Cd ppm	Sn ppm	Sb ppm	Ba ppm	La ppm	W ppm	Pb ppm	Bi ppm	Au ppb	Na ppm	Ca %	Sc ppm	Cr ppm	Fe %	Co ppm	Ni ppm	Zn ppm	As ppm	Se ppm	Br ppm	Rb ppm
	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	ICP70	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
ROR SED 400201	-3	0.5	0.5	0.5	1	0.2	1	10	5	1	0.5	10	2	5	5	500	1	1	10	0.1	5	100	50	2	5	1	30
ROR SED 400202	-3	3.5	2.8	2.4	-1	-0.2	-1	-10	-5	20	5.8	-10	2	-5	-5	12000	1	6	300	2.1	9	-100	-50	-2	-5	5	44
ROR SED 400203	-3	4.0	6.6	1.3	-1	-0.2	-1	-10	-5	27	11.2	-10	-2	-5	-5	9900	-1	7	240	2.3	9	-100	-50	3	-5	13	54
ROR SED 400204	-3	6.1	6.7	2.1	-1	-0.2	-1	-10	-5	41	10.9	-10	11	-5	-5	9400	-1	6	240	2.2	13	120	68	4	-5	27	40
ROR SED 400205	3	5.3	9.2	2.1	-1	-0.2	-1	-10	-5	122	14.7	-10	12	-5	-5	12000	1	9	240	4.1	34	-100	150	12	-5	20	62
ROR SED 400206	5	7.2	11.5	2.3	-1	-0.2	-1	-10	-5	129	16.5	-10	9	-5	-5	10000	1	9	270	3.9	31	120	150	12	-5	34	43
ROR SED 400207	-3	7.5	11.5	1.2	-1	-0.2	-1	-10	-5	70	16.7	-10	11	-5	-5	11000	1	8	150	2.9	20	-100	97	6	-5	27	34
ROR SED 400208	-3	4.6	5.2	0.9	-1	-0.2	-1	-10	-5	15	11.2	-10	7	-5	-5	11000	-1	8	94	2	7	-100	-50	-2	-5	15	39
ROR SED 400209	8	6.8	6.5	1.4	1	-0.2	-1	-10	-5	60	11.2	-10	7	-5	-5	11000	-1	8	170	3.5	24	-100	94	16	-5	17	45
ROR SED 400210	9	8.6	7.1	0.8	2	-0.2	-1	-10	-5	58	9.7	-10	6	-5	-5	11000	1	8	140	3.5	16	-100	58	14	-5	30	38
ROR SED 400211	7	7.3	11.9	0.6	2	-0.2	-1	-10	-5	44	17.3	-10	6	-5	-5	12000	1	8	160	2.3	12	-100	66	11	-5	20	46
ROR SED 400212	12	3.5	5.4	-0.5	2	0.3	-1	-10	-5	45	9.2	-10	8	-5	-5	13000	1	8	130	3	15	-100	75	18	-5	15	34
ROR SED 400213	4	7.5	7.1	1.8	-1	-0.2	-1	-10	-5	44	11.0	-10	5	-5	-5	12000	1	8	140	1.9	11	-100	56	6	-5	19	-30
ROR SED 400214	-3	4.5	5.5	0.7	-1	-0.2	-1	-10	-5	30	10.1	-10	13	-5	-5	9900	-1	7	150	2.2	10	-100	83	-2	-5	12	60
ROR SED 400215	-3	4.3	5.6	3.1	-1	0.3	-1	-10	-5	43	12.0	-10	3	-5	-5	10000	-1	8	110	1.8	7	-100	-50	-2	-5	3	74
ROR SED 400216	-3	6.5	7.0	1.5	-1	-0.2	-1	-10	-5	49	12.1	-10	9	-5	-5	9800	-1	7	130	2.5	12	-100	86	3	-5	30	61
ROR SED 400217	-3	5.6	5.1	2.2	-1	-0.2	-1	-10	-5	36	9.5	-10	7	-5	-5	11000	-1	7	160	2.3	11	-100	69	-2	-5	14	60
ROR SED 400218	-3	5.2	5.0	1.9	-1	0.2	-1	-10	-5	37	10.5	-10	6	-5	7	9900	-1	7	210	2.4	9	-100	60	-2	-5	12	55
ROR SED 400219	-3	5.9	7.2	1.7	-1	-0.2	-1	-10	-5	24	13.5	-10	5	-5	-5	14000	1	10	150	3	12	-100	68	-2	-5	14	55
ROR SED 400220	-3	5.3	6.1	2.3	-1	-0.2	-1	-10	-5	32	12.0	-10	8	-5	-5	12000	1	9	200	2.7	12	-100	94	-2	-5	13	49
ROR SED 400221	-3	4.9	7.9	2.1	-1	-0.2	-1	-10	-5	21	14.3	-10	6	-5	-5	12000	-1	8	170	2.3	9	-100	-50	-2	-5	11	40
ROR SED 400222	-3	5.1	8.1	2.5	-1	0.4	-1	-10	-5	23	14.9	-10	7	-5	6	11000	-1	9	140	2.6	11	-100	55	-2	-5	16	58
ROR SED 400223	-3	6.0	5.2	0.9	-1	-0.2	-1	-10	-5	52	8.7	-10	6	-5	-5	11000	-1	8	160	2.7	10	-100	-50	3	-5	22	46
ROR SED 400224	-3	4.3	4.2	0.6	-1	-0.2	-1	-10	-5	65	8.0	-10	6	-5	-5	10000	-1	5	140	2.1	11	-100	67	5	-5	17	46
ROR SED 400225	71	12.9	20.3	4.0	2	0.8	2	-10	-5	1050	24.7	-10	11	-5	-5	8800	1	7	170	8.1	50	220	130	88	-5	17	54
ROR SED 400226	-3	5.8	4.7	0.9	-1	0.3	-1	-10	-5	84	8.0	-10	11	-5	-5	10000	-1	6	120	2.4	14	-100	53	6	-5	22	40
ROR SED 400227	-3	4.3	3.0	0.7	-1	-0.2	-1	-10	-5	51	6.8	-10	10	-5	6	10000	-1	7	90	2	13	-100	53	3	-5	19	48
ROR SED 400228	-3	6.1	2.9	1.3	-1	0.3	-1	-10	-5	36	6.4	-10	9	-5	-5	11000	1	7	130	2.7	10	-100	53	4	-5	13	41
ROR SED 400229	-3	4.6	8.2	1.3	-1	-0.2	-1	-10	-5	70	13.5	-10	-2	-5	-5	12000	-1	6	98	2	6	-100	-50	4	-5	8	42
ROR SED 400230	-3	3.8	3.9	1.3	-1	-0.2	-1	-10	-5	29	8.1	-10	10	-5	-5	11000	-1	6	120	2.1	7	-100	-50	5	-5	16	48
ROR SED 400231	-3	6.4	5.0	-0.5	-1	-0.2	-1	-10	-5	67	8.7	-10	6	-5	-5	10000	-1	6	170	2.4	10	-100	71	4	-5	20	52
ROR SED 400232	-3	4.5	4.2	1.8	-1	-0.2	-1	-10	-5	89	9.0	-10	5	-5	-5	8900	-1	5	140	2.3	15	-100	-50	3	-5	12	59
ROR SED 400233	-3	5.3	5.1	0.7	-1	-0.2	-1	-10	-5	30	10.4	-10	2	-5	-5	9500	-1	6	180	1.9	7	-100	-50	-2	-5	8	50
ROR SED 400234	-3	7.6	9.2	0.6	2	-0.2	-1	-10	-5	41	14.9	-10	5	-5	-5	12000	-1	7	120	2.3	16	-100	-50	3	-5	7	42
ROR SED 400235	-3	5.3	3.5	-0.5	-1	-0.2	-1	-10	-5	29	6.3	-10	7	-5	-5	11000	-1	7	99	1.9	8	-100	-50	-2	-5	15	43
ROR SED 400236	-3	8.6	6.9	1.0	-1	-0.2	-1	-10	-5	63	10.6	-10	7	-5	-5	10000	-1	7	150	2.7	12	-100	73	3	-5	21	57
ROR SED 400237	-3	7.3	6.9	3.4	-1	-0.2	-1	-10	-5	38	12.9	-10	4	-5	10	14000	1	11	250	3.2	14	-100	63	-2	-5	9	47
ROR SED 400238	-3	8.9	11.0	14.9	-1	-0.2	-1	-10	-5	70	19.3	-10	5	-5	-5	17000	1.4	18	250	5	24	-100	110	3	-5	4	91
ROR SED 400239	-3	8.3	7.4	4.4	-1	-0.2	-1	-10	-5	48	12.4	-10	7	-5	-5	14000	1	11	280	3.6	18	-100	90	3	-5	18	49
ROR SED 400240	-3	7.2	6.4	3.6	-1	-0.2	-1	-10	-5	44	11.3	-10	6	-5	-5	14000	1	10	250	3.3	16	-100	75	2	-5	10	51
ROR SED 400241	-3	7.4	10.4	5.7	-1	-0.2	-1	-10	-5	46	20.0	-10	7	-5	-5	14000	1	12	250	3.6	18	-100	59	3	-5	13	56
ROR SED 400242	-3	4.2	3.8	1.3	-1	-0.2	-1	-10	-5	56	7.6	-10	9	-5	-5	10000	-1	7	180	2.5	17	-100	55	4	-5	9	44
ROR SED 400243	-3	3.7	4.5	1.8	-1	-0.2	-1	-10	-5	24	8.1	-10	6	-5	-5	10000	-1	6	110	1.9	7	-100	-50	2	-5	13	41
ROR SED 400244	-3	6.4	13.4	2.7	1	-0.2	-1	-10	-5	24	24.8	-10	5	-5	-5	9300	-1	8	350	2.4	8	-100	-50	4	-5	19	38
ROR SED 400245	4	5.5	15.1	1.6	-1	0.3	-1	-10	-5	61	22.5	-10	6	-5	-5	11000	-1	8	150	4.2	20	-100	72	7	-5	18	49
ROR SED 400246	-3	8.2	8.9	2.7	-1	-0.2	-1	-10	-5	86	16.6	-10	3	-5	-5	12000	-1	9	160	3	18	110	110	4	-5	13	40
ROR SED 400247	-3	12.2	11.3	3.2	-1	0.4	-1	-10	-5	156	20.7	-10	7	-5	-5	12000	1	12	200	5.6	36	250	200	5	-5	26	53
ROR SED 400247	-3	6.1	12.3	3.4	-1	-0.2	-1	-10	-5	43	23.4	-10	4	-5	-5	15000	1	12	180	3.8	17	-100	110	-2	-5	11	43
NIST 8606	-3	4.3	14.0	17.0	1010	0.4	-1	14	-5	9	23.1	546	14	-5	-5	4900	14	8	37	9.4	13	-100	120	-2	-5	14	37
DUP-SED 400201	-3	3.4	2.8	1.7	-1	-0.2	-1	-10	-5	18	5.4	-10	2	-5	-5	12000	1	7	320	2.2	8	-100	-50	-2	-5	6	40
DUP-SED 400213	-3	4.3	5.3	1.1	-1	-0.2	-1	-10	-5	30	9.9	-10	12	-5	-5	9700	-1	7	150	2.2	10	105	69	-2	-5	12	51
DUP-SED 400225	-3	5.8	4.8	0.5	-1	0.3	-1	-10	-5	81	8.1	-10	9	-5	-5	10000	-1	6	120	2.3	14	-100	57	5	-5	21	42
DUP-SED 400237	-3	8.8	11.0	15.7	-1	-0.2	-1	-10	-5	69	19.3	-10	5	-5	-5	17000	1.5	17	240	4.8	23	120	96	3	-5	5	95
DUP-SED 399501	23	10.0	3.0	0.7	-1	-0.2	-1	-10	-5	9	6.1	-10	7	-5	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000

Analytical methods:

ICP

Neutron activation

Stream Sediment samples, Sjursvollen

lab smpl nbr	Sr ppm	Mo ppm	Ag ppm	Sb ppm	Cs ppm	Ba ppm	La ppm	Ce ppm	Nd ppm	Sm ppm	Eu ppm	Tb ppm	Yb ppm	Lu ppm	Hf ppm	Ta ppm	W ppm	Ir ppb	Hg ppm	Th ppm	U ppm
	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS	NA-BAS
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm
ROR SED 400201	500	5	5	0.2	3	100	1	3	10	0.5	0.2	0.5	0.5	0.05	1	1	4	20	1	0.5	0.5
ROR SED 400202	-500	-5	-5	-0.2	-3	240	12	26	12	2.3	0.6	-0.5	1.7	0.23	8	2	-4	-20	-1	3.5	1.5
ROR SED 400203	-500	-5	-5	-0.2	-3	340	20	43	22	3.9	0.9	-0.5	2.2	0.27	8	1	-4	-20	-1	4.8	4.1
ROR SED 400204	-500	-5	-5	-0.2	-3	320	19	40	19	3.5	0.8	-0.5	2	0.26	9	1	-4	-20	-1	4.3	4.3
ROR SED 400205	-500	-5	-5	-0.2	-3	420	25	64	26	4.5	1	0.7	2.5	0.3	7	2	-4	-20	-1	5.8	4.8
ROR SED 400206	-500	-5	-5	-0.2	-3	430	25	62	27	4.6	0.9	0.7	2.6	0.33	7	2	-4	-20	-1	5.5	6
ROR SED 400207	-500	-5	-5	-0.2	-3	360	28	51	25	5.1	1.1	0.9	2.6	0.33	7	1	-4	-20	-1	4.6	6.6
ROR SED 400208	-500	-5	-5	-0.2	-3	330	21	36	23	4	0.9	-0.5	2	0.26	7	2	-4	-20	-1	4.7	3.1
ROR SED 400209	-500	-5	-5	-0.2	-3	350	20	51	19	3.9	0.9	-0.5	2.4	0.3	10	2	-4	-20	-1	4.6	6.5
ROR SED 400210	-500	-5	-5	-0.2	-3	380	18	40	18	3.4	0.6	0.5	2.2	0.28	8	1	-4	-20	-1	4.9	11
ROR SED 400211	-500	-5	-5	-0.2	-3	280	25	60	25	4.5	1.1	-0.5	2.4	0.3	8	-1	-4	-20	-1	4.8	12
ROR SED 400212	-500	-5	-5	-0.2	-3	300	18	44	18	3.3	0.8	0.8	2	0.26	7	1	-4	-20	-1	3.6	5.8
ROR SED 400213	-500	-5	-5	-0.2	-3	270	18	39	17	3.5	0.8	0.8	2.1	0.26	7	2	-4	-20	-1	3.8	8.5
ROR SED 400214	-500	-5	-5	-0.2	-3	320	20	46	18	3.7	0.9	-0.5	2.1	0.27	8	2	-4	-20	-1	5.3	2.8
ROR SED 400215	-500	-5	-5	-0.2	-3	360	20	44	18	3.6	0.8	-0.5	1.8	0.24	5	1	-4	-20	-1	5.3	1.6
ROR SED 400216	-500	-5	-5	-0.2	-3	380	20	50	20	3.8	0.9	-0.5	2.1	0.26	6	2	-4	-20	-1	5.5	2.6
ROR SED 400217	-500	-5	-5	-0.2	-3	300	18	43	20	3.5	0.7	0.7	2	0.26	7	2	-4	-20	-1	5.2	1.9
ROR SED 400218	-500	-5	-5	-0.2	-3	310	20	41	20	3.7	0.8	-0.5	2.2	0.28	10	2	-4	-20	-1	5.6	2.3
ROR SED 400219	-500	-5	-5	-0.2	-3	300	24	55	24	4.5	1	0.9	2.4	0.31	7	2	-4	-20	-1	6.5	3.2
ROR SED 400220	-500	-5	-5	-0.2	-3	320	20	46	19	3.7	1	0.5	2	0.27	7	2	-4	-20	-1	5.5	2.3
ROR SED 400221	-500	-5	-5	-0.2	-3	290	22	45	19	4	0.9	0.8	2.1	0.27	7	2	-4	-20	-1	5.2	2.4
ROR SED 400222	-500	-5	-5	-0.2	-3	360	24	53	23	4.6	1	0.5	2.2	0.28	7	2	-4	-20	-1	6.1	2.8
ROR SED 400223	-500	-5	-5	-0.2	-3	300	16	47	16	3.1	0.5	-0.5	2	0.25	7	2	-4	-20	-1	4.8	1.9
ROR SED 400224	-500	-5	-5	-0.2	-3	350	14	39	16	2.8	0.6	-0.5	1.8	0.24	8	2	-4	-20	-1	3.1	1.3
ROR SED 400225	-500	-5	-5	-0.2	-3	1200	30	100	29	5.2	1	0.7	3.2	0.47	7	-1	-4	-20	-1	4.3	3.5
ROR SED 400226	-500	-5	-5	-0.2	-3	390	15	40	17	2.9	0.5	-0.5	1.8	0.25	6	1	-4	-20	-1	3.4	2.8
ROR SED 400227	-500	-5	-5	-0.2	-3	300	14	35	15	2.6	0.7	-0.5	1.5	0.21	7	1	-4	-20	-1	3.7	2.3
ROR SED 400228	-500	-5	-5	-0.2	-3	290	13	28	15	2.6	0.4	-0.5	1.7	0.22	7	1	-4	-20	-1	3.5	1.8
ROR SED 400229	-500	-5	-5	-0.2	-3	370	21	45	22	3.9	0.9	0.9	2.1	0.27	7	1	-4	-20	-1	3.8	2.4
ROR SED 400230	-500	-5	-5	-0.2	-3	310	15	44	16	3	0.6	-0.5	1.6	0.22	7	2	-4	-20	-1	3.7	1.8
ROR SED 400231	-500	-5	-5	-0.2	-3	330	17	47	17	3.2	0.7	-0.5	1.9	0.24	7	1	-4	-20	-1	3.9	1.6
ROR SED 400232	-500	-5	-5	-0.2	-3	400	15	43	16	2.8	0.5	-0.5	1.6	0.21	7	2	-4	-20	-1	3.7	1.5
ROR SED 400233	-500	-5	-5	-0.2	-3	360	19	46	21	3.6	0.8	0.5	2	0.26	10	2	-4	-20	-1	4.6	2.4
ROR SED 400234	-500	-5	-5	-0.2	-3	340	25	57	23	3.8	0.8	-0.5	2.4	0.32	9	1	-4	-20	-1	3.4	4.3
ROR SED 400235	-500	-5	-5	-0.2	-3	280	15	37	16	3.1	0.7	-0.5	2	0.25	9	2	-4	-20	-1	3.7	1.8
ROR SED 400236	-500	-5	-5	-0.2	-3	360	19	44	21	3.8	0.8	-0.5	2.2	0.3	8	1	-4	-20	-1	4.4	2.8
ROR SED 400237	-500	-5	-5	-0.2	-3	280	21	49	20	4	0.8	0.6	2.3	0.29	7	2	-4	-20	-1	6.3	2.1
ROR SED 400238	-500	-5	-5	-0.2	-3	420	29	71	29	5.7	1.3	1.3	2.8	0.35	6	2	-4	-20	-1	11	2.6
ROR SED 400239	-500	-5	-5	-0.2	-3	330	20	54	20	4	0.9	1	2.4	0.31	8	2	-4	-20	-1	6.8	2.3
ROR SED 400240	-500	-5	-5	-0.2	-3	270	19	47	19	3.7	0.8	-0.5	2.2	0.28	7	1	-4	-20	-1	6.3	2.2
ROR SED 400241	-500	-5	-5	-0.2	-3	310	30	56	29	5.4	1.1	0.8	2.6	0.33	7	2	-4	-20	-1	7.2	2.6
ROR SED 400242	-500	-5	-5	-0.2	-3	320	13	31	14	2.5	0.6	-0.5	1.5	0.2	6	1	-4	-20	-1	3.4	1.9
ROR SED 400243	-500	-5	-5	-0.2	-3	260	15	33	17	2.8	0.6	-0.5	1.6	0.23	6	-1	-4	-20	-1	3.4	2.4
ROR SED 400244	-500	-5	-5	-0.2	-3	260	29	36	30	5.3	1.1	0.8	2.7	0.33	7	2	-4	-20	-1	4.2	5.2
ROR SED 400245	-500	-5	-5	-0.2	-3	330	31	57	33	6.1	1.3	0.8	2.8	0.36	6	-1	-4	-20	-1	5	6.6
ROR SED 400246	-500	-5	-5	-0.2	-3	350	23	67	25	4	0.8	0.7	2	0.25	5	1	-4	-20	-1	5.6	6.4
ROR SED 400247	-500	-5	-5	-0.2	-3	440	25	59	26	4.6	0.9	0.7	2.4	0.29	5	2	-4	-20	-1	7.2	4.4
NIST 8606	-500	1090	-5	-0.2	-3	310	34	88	35	6.2	1.2	1.2	2.7	0.33	6	2	-4	-20	-1	9.3	4.8
DUP-SED 400201	-500	-5	-5	-0.2	-3	230	36	48	26	5.7	1.5	1	2.7	0.32	9	-1	976	-20	-1	8.9	9.4
DUP-SED 400213	-500	-5	-5	-0.2	-3	280	12	27	13	2.4	0.6	-0.5	1.8	0.24	9	2	-4	-20	-1	3.6	1.8
DUP-SED 400225	-500	-5	-5	-0.2	-3	320	20	46	20	3.6	0.8	-0.5	2	0.27	8	2	-4	-20	-1	5.4	2.6
DUP-SED 400237	-500	-5	-5	-0.2	-3	350	15	38	16	2.8	0.6	-0.5	1.8	0.24	7	1	-4	-20	-1	3.4	2.5
DUP-SED 399501	-1000	-1000	-1000	-1000	-1000	380	28	69	26	5.5	1.1	1.2	2.7	0.33	6	2	-4	-20	-1	11	2.3

Analytical methods:

ICP
Neutron activation

