



Bergvesenet

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Rapportarkivet

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Kommer fra ..arkiv	Ekstern rapport nr	Oversendt fra Bernt Røsholt	Fortrolig pga Muting	Fortrolig fra dato:
Tittel Sibirien and Fremstfjell Claims in Grong, Nord-Trøndelag				
Forfatter Røsholt, Bernt		Dato År mai 1999	Bedrift (Oppdragsgiver og/eller oppdragstaker) Ingvar Stokke	
Kommune Grong	Fylke Nord-Trøndelag	Bergdistrikt	1: 50 000 kartblad 18231	1: 250 000 kartblad Grong
Fagområde Geologi	Dokument type		Forekomster (forekomst, gruvefelt, undersøkelsesfelt) Sibirien Fremstfjell	
Råstoffgruppe Malm/metall	Råstofftype Au			
Sammendrag, innholdsfortegnelse eller innholdsbeskrivelse				

Report on



Sibirien and Fremstfjell Claims in

Grong, Nord-Trøndelag

Norway

Bernt Røsholt May 1999

Background.

In October 1998 The Sibirien and Fremstfjell (Heimdalshaugen) areas were claimed by Mr. Ingvar Stokke after one sample from the Sibirien claim sampled by the claim owner returned a significant content of gold. (280gAu/t). See enclosure no 1, claim locations and no 2 analytical results.

In 1999 the claim areas were reduced to each 11, in total 22 separate claim areas covering totally 6,6km².

It should be noted that sample no 399871 also is containing anomalous contents of Pb, Co and Zn with elevated contents of Ag, Cu, Mo, Ba, Cr and La.

Fremstfjell (Heimdalshaugen) is located about four to five kilometres NW of The Sibirien claim. Fremstfjell (Heimdalshaugen) was located about 20 years ago after a regional stream sediment geochemical campaign and it is believed to be a porphyry Co-Mo type of deposit. Anomalies of some of the elements (Pb, Mo, Cu and Co) found in excess in the sample with the high gold content did also occur in The Fremstfjell (Heimdalshaugen) area. Since it is known that gold may be present in or in the vicinity of porphyry systems, it was therefore obvious that the area with porphyry mineralizations should be followed up for possible gold contents.

Alluvial gold has also been reported found in the Sandøla river.

Follow up.

Sibirien.

Due to the claiming that was made as late as October, not much time for follow up work in the field was permitted in 1998.

One mission to The Sibirien Claim was, however, made October third 1998. Enclosure no 3 is a sketch map of the central claim area.

Sample description:

- 399491 Rock chip sample of veins with quartz, carbonate and feldspar.
- 399492 Rock sample of "Bulls Quartz" from centre of quartz vein.
- 399493 Parallell quartz vein one m wide with secondary carbonate veins.
GPS locality: 405946/7152440.
NGU-grid 11000/1100N is located 45m S of road and W of rest area.
- 399494 Quartz float in the quarry with rust and malachite. 50m W of 493.
- 399495 Rock Chip sample about 50m direction 280° from 493. Stockwork zone 1,5m thick.
- 399496 Weathered sample from probable mineralized zone as above.
- 399497 Rusty quartz from the western part of the quarry. This type is well represented in the quarry.
- 399498 A quartz boulder (about 20kg) from the SW part of the quarry with Py and Cpy.
- 400087 Sibirien drillhole no 2. 40,6-41,8m
- 400088 Sibirien drill hole no 11. 38-39m.

Enclosure no 4 presents the analytical results from Sibirien.

Fremstfjell (Heimdalshaugen).

Fremstfjell is drilled by 11 drillholes, and the two last holes no 10 and 11 are stored at the NGU-core storage at Løkken. A mission was undertaken to sample the two holes Oct 13th 1999. A number of 17 samples were collected from the drillcores as follows:

Drillhole no 11:

399499	8-10m:	Greenstone, quartz, carbonate.
399500	16-17m:	Greenstone with quartz, carbonate.
400072	19-20m:	Greenstone with quartz, carb, ceris. And
	20-21m:	Cherty banded sedim with 5mm Py cubes.
400073	44-45m:	Techtonised section with quartz, carb and Py.
400074	49-50m:	Cherty green dense rock.
400075	67-68m:	Hydroth quartz (40%). A little sulphides.
400076	85-86m:	Quartz vein (30%Qu) with carb, and a little Py. Cherty quartz.
400077	106-107m:	Cherty type.
400078	136-136m:	Cherty contact zone to porphyritic gneiss.
400079	173-174m:	Cherty type.
400080	238-239m:	Mudstone with traces of Cpy.
400081	294-295m:	Alternating porphyritic gneiss and mudstone. Abundant Py with traces of Cpy.
400082	399-400	Porphyritic gneiss.

Drillhole no 10

400083	96-97m:	Abundant Py.
400084	181-182m:	Epidotisation.

Drillholes no 1-9 are located within the quadrangle 401,4-402,3E / 7153,4-7153,7N at Mapsheet 1823I Andorsjøen. It is believed that also drill holes no 10 and 11 located in the same area.

Enclosure no 5 presents the analytical results of the drill core samples from the Fremstfjell (Heimdalshaugen) area.

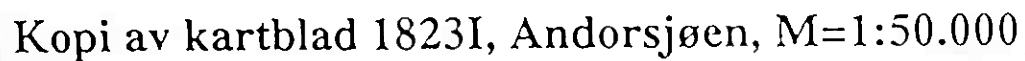
Conclusions and recommendations.

The additional sampling of Sibirien and Fremstfjell claims does not give a convincing answer of the existence of gold in the environment. The number of samples taken is obviously too limited to give a clear answer. Stream sediment sampling as well as heavy panning in the areas of interest is strongly recommended.

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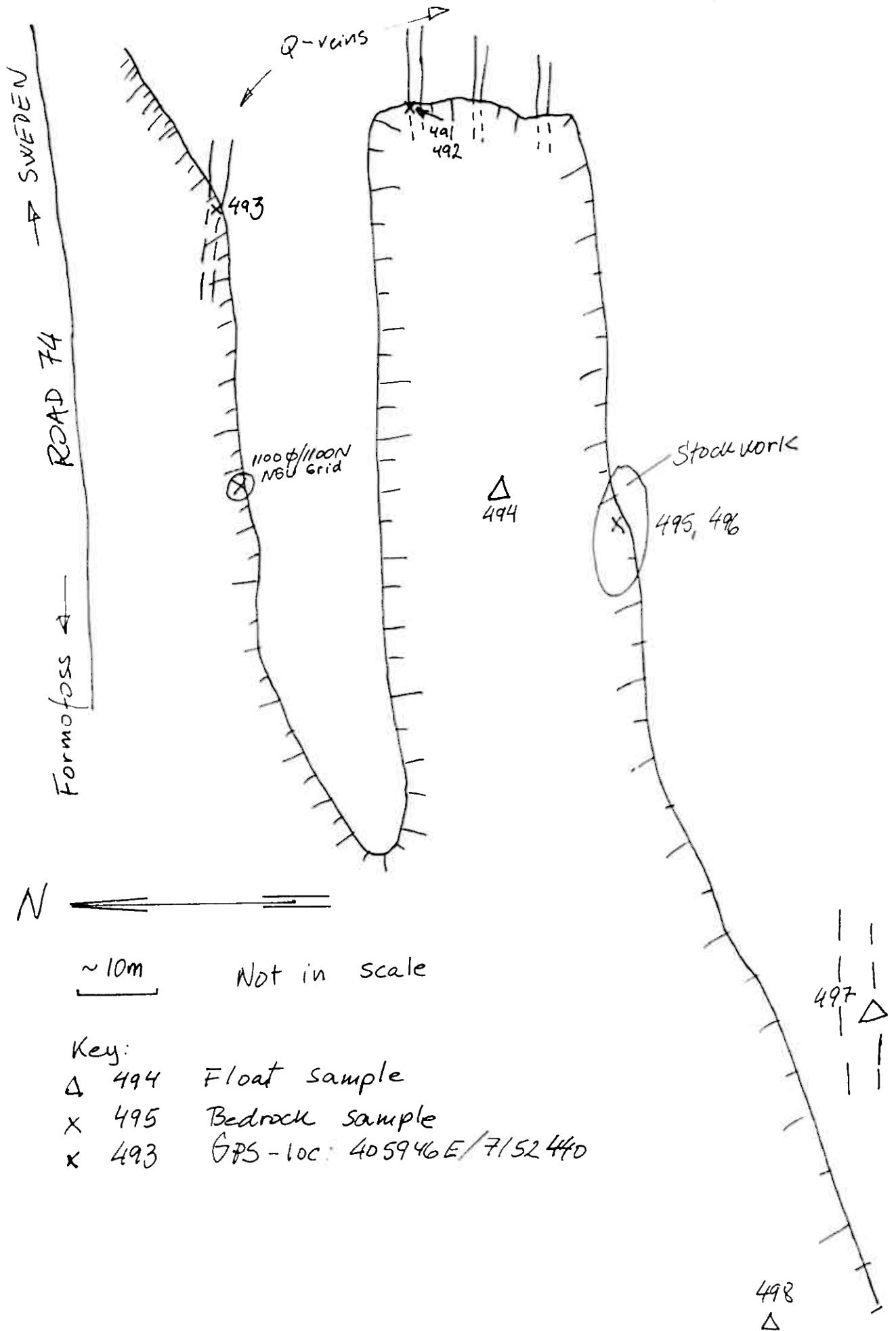
Enclosure no 2

Sample 399871 from Sibirien
underlined

Element	Au30	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr
Units	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
L.R.L.	5	0.2	1	2	1	1	1	1	0.2	5	5	5	0.01	1	10	1	1
U.R.L.	10000	200	10000	10000	10000	10000	20000	20000	2000	2000	10000	2000	10	20000	2000	2000	20000
399868	273	41.4	8315	5503	67000	18	52	431	173.5	62	184	16	> 10.00	268	< 10	14	67
399869	93	64.7	6827	7436	102000	12	25	138	213.0	180	222	17	> 10.00	168	< 10	17	48
399870	343	0.3	77	68	302	12	38	17	1.4	< 5	24	< 5	3.57	87	< 10	58	98
399871	280800	10.1	77	599	272	14	22	308	1.2	16	35	< 5	9.65	81	< 10	46	194
399872	34	0.5	239	23	69	7	27	51	< 0.2	< 5	31	< 5	7.61	550	< 10	12	139
399873	820	26.1	9102	8172	3154	2	9	6	21.7	29	1012	39	3.88	150	27	20	68
399874	407	133.9	114	> 10000	181	1	3	8	11.2	169	82	13	2.34	2821	100	9	37
399875	89	6.9	19000	147	32000	15	24	24	123.2	< 5	186	< 5	21.30	254	< 10	8	72
399876	75	4.8	7311	193	82000	12	25	49	275.6	< 5	209	< 5	28.60	450	< 10	< 1	168

Element	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
Units	ppm	ppm	ppm	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
L.R.L.	1	20	20	1	0.01	0.01	0.01	0.01	0.01	1	1	2	1	1	5	10	0.01	1
U.R.L.	20000	2000	2000	2000	10	10	10	10	10	2000	2000	10000	20000	10000	2000	1000	5	5000
399868	7	22	< 20	3	0.41	0.10	0.07	0.02	0.24	5	3	< 2	2	5	< 5	< 10	< 0.01	< 1
399869	< 1	< 20	< 20	< 1	0.19	0.02	0.03	0.01	0.15	3	2	< 2	1	4	< 5	< 10	< 0.01	< 1
399870	27	< 20	< 20	6	1.04	0.57	0.14	0.05	0.46	15	2	< 2	9	3	< 5	< 10	< 0.01	2
399871	1	< 20	< 20	10	0.39	0.04	0.11	0.03	0.42	5	5	< 2	5	2	< 5	< 10	< 0.01	< 1
399872	3	< 20	< 20	< 1	0.20	0.63	1.02	0.02	0.09	58	2	< 2	1	3	< 5	< 10	< 0.01	< 1
399873	35	< 20	< 20	3	2.03	0.39	1.28	0.17	0.59	23	5	4	3	3	< 5	< 10	< 0.01	3
399874	63	< 20	< 20	2	1.20	1.26	20.63	0.04	0.06	101	20	< 2	9	7	17	< 10	0.15	< 1
399875	8	< 20	< 20	< 1	1.51	0.17	1.01	0.09	0.12	28	3	< 2	1	5	< 5	< 10	< 0.01	< 1
399876	< 1	< 20	< 20	< 1	0.03	0.02	0.16	< 0.01	0.02	3	< 1	< 2	< 1	3	< 5	< 10	< 0.01	< 1

SIBIRIEN CLAIM AREA, GRONG



Enclosure no 4 and 5
Analytical res. Sibirien and
Fraustfjell (FF)
Si : Sibirien

Element	Au30	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb
Units	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
L.R.L.	5	0.2	1	2	1	1	1	1	0.2	5	5	5
U.R.L.	10000	200	10000	10000	10000	10000	20000	20000	2000	2000	10000	2000
Si 399491	6	0.2	14	16	12	3	5	1	0.4	< 5	< 5	< 5
Si 399492	8	< 0.2	7	4	6	5	11	< 1	< 0.2	< 5	< 5	< 5
Si 399493	< 5	< 0.2	5	6	4	4	9	< 1	< 0.2	< 5	< 5	< 5
Si 399494	243	0.9	129	151	10	3	9	< 1	< 0.2	< 5	< 5	< 5
Si 399495	12	< 0.2	11	17	8	< 1	4	< 1	< 0.2	< 5	< 5	< 5
Si 399496	< 5	< 0.2	12	16	7	2	4	< 1	0.3	< 5	< 5	< 5
Si 399497	373	3.2	198	7	4	6	14	2	< 0.2	< 5	< 5	< 5
Si 399498	7860	2.2	326	24	28	5	25	388	1.0	< 5	71	< 5
FF 399499	29	< 0.2	27	3	69	1	81	19	< 0.2	< 5	< 5	< 5
FF 399500	15	0.3	53	3	82	< 1	21	16	< 0.2	< 5	< 5	< 5
FF 400072	6	0.3	14	5	172	1	62	9	< 0.2	< 5	< 5	< 5
FF 400073	< 5	0.6	35	10	18	5	20	4	< 0.2	< 5	13	< 5
FF 400074	7	0.3	19	5	7	5	25	3	< 0.2	< 5	22	< 5
FF 400075	6	< 0.2	8	7	26	2	24	5	< 0.2	< 5	17	< 5
FF 400076	< 5	0.2	5	5	48	2	35	7	< 0.2	< 5	< 5	< 5
FF 400077	10	< 0.2	1	3	7	2	4	2	< 0.2	< 5	6	< 5
FF 400078	7	0.3	26	6	28	3	9	4	< 0.2	< 5	< 5	< 5
FF 400079	7	< 0.2	104	3	69	2	3	20	< 0.2	< 5	10	< 5
FF 400080	13	0.3	429	2	46	2	36	20	< 0.2	< 5	< 5	< 5
FF 400081	7	0.6	2275	4	22	3	58	37	< 0.2	< 5	6	< 5
FF 400082	15	0.3	529	4	243	12	8	21	< 0.2	< 5	< 5	< 5
FF 400083	174	< 0.2	507	13	57	13	11	17	< 0.2	< 5	9	< 5
FF 400084	7	< 0.2	109	10	48	1	11	14	< 0.2	< 5	< 5	< 5
400085	< 5	< 0.2	324	4	62	15	8	14	< 0.2	< 5	< 5	< 5
400086	8	0.5	3239	12	14	31	6	8	< 0.2	< 5	< 5	< 5
Si 400087	< 5	< 0.2	79	33	133	1	24	20	< 0.2	< 5	< 5	< 5
Si 400088	< 5	< 0.2	21	18	64	1	5	4	< 0.2	< 5	< 5	< 5

Enclosure no 4 and 5
cont.

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Element	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
L.R.L.	0.01	1	10	1	1	1	20	20	1	0.01	0.01	0.01
U.R.L.	10	20000	2000	2000	20000	20000	2000	2000	2000	10	10	10
Si 399491	1.04	2609	< 10	20	136	6	< 20	< 20	12	0.29	0.13	8.16
Si 399492	0.67	97	< 10	2	389	< 1	< 20	< 20	< 1	0.02	< 0.01	0.11
Si 399493	0.67	346	< 10	8	307	1	< 20	< 20	< 1	0.09	< 0.01	0.99
Si 399494	0.81	48	< 10	6	321	2	< 20	< 20	1	0.06	< 0.01	< 0.01
Si 399495	1.43	254	< 10	90	115	9	< 20	< 20	51	1.16	0.33	0.49
Si 399496	1.45	215	< 10	42	133	7	< 20	< 20	39	2.11	0.57	0.68
Si 399497	1.15	60	< 10	7	509	< 1	< 20	< 20	< 1	0.05	< 0.01	< 0.01
Si 399498	14.90	69	< 10	< 1	222	4	< 20	< 20	21	0.46	0.05	0.10
FF 399499	3.76	896	< 10	77	281	75	< 20	< 20	11	2.82	2.90	4.22
FF 399500	6.26	685	< 10	18	90	99	< 20	< 20	2	2.52	1.98	1.17
FF 400072	7.02	987	< 10	14	70	59	< 20	< 20	3	4.48	4.79	3.54
FF 400073	1.39	576	< 10	9	46	19	< 20	< 20	9	1.06	0.43	8.67
FF 400074	1.73	525	< 10	5	49	23	< 20	< 20	16	1.11	0.08	5.14
FF 400075	2.20	408	< 10	17	269	35	< 20	< 20	23	1.41	0.72	3.21
FF 400076	2.85	611	< 10	4	210	36	< 20	< 20	7	1.73	1.47	4.07
FF 400077	0.37	73	< 10	4	37	27	< 20	< 20	4	0.34	0.10	0.84
FF 400078	1.76	622	< 10	85	14	20	< 20	< 20	20	1.48	0.85	5.87
FF 400079	5.71	691	< 10	8	23	128	< 20	< 20	< 1	2.98	2.79	2.52
FF 400080	3.66	589	< 10	23	123	95	< 20	< 20	< 1	2.58	2.19	1.62
FF 400081	3.28	200	< 10	38	159	56	< 20	< 20	< 1	1.19	0.68	1.21
FF 400082	9.90	1447	< 10	38	39	158	< 20	< 20	4	2.93	2.52	1.54
FF 400083	6.59	484	< 10	21	102	52	< 20	< 20	45	2.08	1.79	1.12
FF 400084	3.87	484	< 10	276	37	83	< 20	< 20	48	2.02	1.13	1.98
400085	7.50	1245	< 10	62	36	175	< 20	< 20	6	2.37	2.22	1.74
400086	4.36	111	< 10	14	162	14	< 20	< 20	20	1.07	0.13	1.04
Si 400087	5.97	681	< 10	73	41	31	< 20	< 20	40	2.60	1.91	1.18
Si 400088	2.81	1466	< 10	84	33	13	< 20	< 20	42	0.93	0.69	4.36

Enclosure no 4 and 5
cont.

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Element	Na	K	Sr	Y	Ga	Li	Nb	Sc	Ta	Ti	Zr
Units	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
L.R.L.	0.01	0.01	1	1	2	1	1	5	10	0.01	1
U.R.L.	10	10	2000	2000	10000	20000	10000	2000	1000	5	5000
Si 399491	0.02	0.13	216	41	< 2	4	3	< 5	< 10	0.03	< 1
Si 399492	< 0.01	0.01	2	< 1	< 2	< 1	< 1	< 5	< 10	< 0.01	< 1
Si 399493	< 0.01	0.07	19	11	< 2	< 1	< 1	< 5	< 10	< 0.01	< 1
Si 399494	< 0.01	0.04	< 1	1	< 2	< 1	< 1	< 5	< 10	< 0.01	< 1
Si 399495	0.02	0.13	36	12	2	1	< 1	< 5	< 10	< 0.01	6
Si 399496	0.01	0.05	51	13	4	2	< 1	< 5	< 10	< 0.01	4
Si 399497	0.01	0.04	< 1	< 1	< 2	< 1	< 1	< 5	< 10	< 0.01	< 1
Si 399498	0.01	0.32	4	6	< 2	3	< 1	< 5	< 10	< 0.01	3
FF 399499	0.03	0.06	186	7	5	24	4	8	< 10	0.15	< 1
FF 399500	0.04	0.05	80	11	6	18	5	< 5	< 10	0.24	< 1
FF 400072	0.02	0.12	176	7	7	31	1	5	< 10	0.13	< 1
FF 400073	0.02	0.02	270	5	< 2	< 1	< 1	< 5	< 10	0.15	6
FF 400074	0.04	< 0.01	266	7	4	< 1	2	< 5	< 10	0.20	7
FF 400075	0.06	0.04	306	6	4	8	2	< 5	< 10	0.15	7
FF 400076	0.04	0.02	230	7	4	10	1	< 5	< 10	0.14	1
FF 400077	0.11	< 0.01	49	14	< 2	< 1	2	< 5	< 10	0.29	6
FF 400078	0.04	0.16	383	7	4	6	< 1	< 5	< 10	0.08	8
FF 400079	0.05	0.03	132	6	4	10	7	6	< 10	0.33	< 1
FF 400080	0.11	0.09	77	4	2	8	5	7	< 10	0.29	< 1
FF 400081	0.09	0.40	143	3	< 2	3	2	< 5	< 10	0.11	< 1
FF 400082	0.06	0.12	119	14	8	11	8	7	< 10	0.36	< 1
FF 400083	0.08	0.54	162	13	5	10	2	< 5	< 10	0.20	15
FF 400084	0.07	0.87	828	15	5	5	5	< 5	< 10	0.26	3
400085	0.06	0.31	144	15	5	7	10	7	< 10	0.33	< 1
400086	0.09	0.51	140	6	< 2	1	< 1	< 5	< 10	0.09	14
Si 400087	0.03	0.47	267	11	5	32	< 1	7	< 10	0.03	9
Si 400088	0.03	0.16	175	13	2	9	< 1	5	< 10	0.02	< 1