



Bergvesenet rapport nr BV 4840	Intern Journal nr 06/00884-1	Internt arkiv nr	Rapport lokalisering	Gradering Apen
Kommer fra ..arkiv	Ekstern rapport nr	Oversendt fra Crew Norway AS	Fortrolig pga	Fortrolig fra dato:
Tittel Visit to Jøkelfjord				
Forfatter Wilberg, Rune		Dato År Dec 2005		Bedrift (Oppdragsgiver og/eller oppdragstaker) Crew Norway AS
Kommune Kvænangen Loppa	Fylke Finnmark Troms	Bergdistrikt	1: 50 000 kartblad 17352	1: 250 000 kartblad Hammerfest
Fagområde Kjemiske analyser		Dokument type	Forekomster (forekomst, gruvefelt, undersøkelsesfelt) Langnestind Tredje vann	
Råstoffgruppe Malin/metall		Råstofftype Au Cu Pb		
Sammendrag, innholdsfortegnelse eller innholdsbeskrivelse Oppfølging av gullanomale bekkesedimente mellom Jøkelfjorden og Langfjorden				

Visit to Jøkelfjord, 21/7 2005.

As a follow-up of gold anomalous stream sediments between Jøkelfjorden and Langfjorden in Kvænangen and Loppa communities, the aim for this investigation was to localize, investigate and sample two sulphide occurrences by means of helicopter transport.

According to Roberts (1973), the sulphide mineralizations are hosted in layered clinopyroxene gabbro, close to limestone, by others interpreted as carbonatite.

The helicopter search did not succeed in localizing the two prospects.

1. The Cu mineralization is supposed to be localized at Langnestind, UTM coordinates 533700-534100 E / 7775500-7775800 N. However, an old description in "Bergarkivet" (NGU) says: "At the seashore, at the farm Langnesberget. Extends from above the houses at Storhauglægda and runs NE'wards".

2. The galena prospect is situated north of Tredjevatnet, UTM 531200-531300 E / 7779400-7779650 N.

Attention was attracted to rusty horizons between Andrevatnet and Tredjevatnet, in the area where the galena prospect is supposed to be localized. 8 samples were collected from this area, of limestone and quartzite, both with sulphide dissemination. 10 m width of limestone is brecciated, containing twisted schist fragments, along the stream at 531834 7779346. The stream follows a fault, directed 175°/75°. The samples analyzed Au below detection limit.

Reference:

Roberts, D. 1973: Geologisk kart Hammerfest, 1 : 250 000, Norges geologiske undersøkelse.

Rune Wilberg
Crew Minerals A/S
December 2005

Rocksamples Jøkelfjord

sample no	UTM coord	description
99603	531829 7779320	Contact limestone / quartzite (local float)
99994	531938 7779375	Rusty quartzite, 3-4 m thick
99995	531938 7779365	Banded limestone
99996	531834 7779346	In situ floats of mediumgrained quartzite with tourmaline
99997	531938 7779365	Coarsegrained limestone, weak banding
99998	531834 7779346	Rusty, banded, carb rich sed with finegr sulphide diss
99999	531834 7779346	Limestone breccia
100000	531829 7779330	Contact limestone / quartzite with tourmaline and po-diss

ANALYTE	Au	Be	Na	Mg	Al	P
METHOD	FAA313	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
DETECTION	5	0.5	0.01	0.01	0.01	0.01
UNITS	PPB	PPM	%	%	%	%
KVA 099994	<5	<0.5	0.05	0.55	0.7	<0.01
KVA 099995	<5	<0.5	0.13	0.05	0.48	0.07
KVA 099996	<5	1.2	0.06	0.16	0.48	0.02
KVA 099997	<5	<0.5	0.03	0.08	0.16	0.06
KVA 099998	<5	0.6	0.19	0.02	0.6	0.08
KVA 099999	<5	<0.5	0.3	0.1	1.05	0.05
KVA 100000	<5	0.6	0.07	0.27	0.39	0.11
KVA 99603	7	<0.5	0.09	1.05	1.44	0.03
DUP-KVA 099999	<5	<0.5	0.3	0.11	1.04	0.05

K	Ca	Sc	Ti	V	Cr	Mn
ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B	ICP12B
0.01	0.01	0.5	0.01	2	1	2
%	%	PPM	%	PPM	PPM	PPM
0.43	0.1	6.4	0.11	16	84	72
0.1	1.68	<0.5	0.06	6	101	69
0.2	0.29	7.1	0.06	8	124	41
0.02 >15	<0.5	<0.01	<2		5	108
0.06	5.51	<0.5	0.04	5	61	32
0.08 >15	<0.5		0.04	9	23	56
0.27	0.77	5.4	0.13	33	148	29
0.98	0.7	5.5	0.19	64	191	77
0.08 >15	<0.5		0.04	9	22	61

Fe ICP12B	Co ICP12B	Ni ICP12B	Cu ICP12B	Zn ICP12B	As ICP12B	Sr ICP12B
0,01 %	PPM	1 PPM	1 PPM	0,5 PPM	0,5 PPM	3 PPM
1,58		6	20	21,9	4 <3	4,9
0,22 <1			4	4,5	3,4 <3	65,5
0,84 <1			5	6,4	11,2	42,5
0,17 <1			2	1 <0,5	<3	2360
2,41	8	48	40,8	9,9	5	145
0,81	5	20	16	9,3 <3		940
2,37	12	53	31,4	35,3	18	50,6
4,36	17	57	40,8	43,9	11	46,1
0,84	5	19	17,2	8,9 <3		972

Y ICP12B	Zr ICP12B	Mo ICP12B	Ag ICP12B	Cd ICP12B	Sn ICP12B	Sb ICP12B
0,5	0,5	1	2	1	10	5
PPM	PPM	PPM	PPM	PPM	PPM	PPM
4,1	6,7	<1	<2	<1	<10	<5
5,6	7,5	<1	<2	<1	<10	<5
11,9	5,7	2	<2	<1	<10	<5
5,7	<0,5	<1	<2	<1	<10	<5
5,6	6	<1	<2	<1	<10	<5
3,8	3,6	<1	<2	<1	<10	<5
17,2	27,8	1	<2	<1	<10	<5
5,2	12,9	2	<2	<1	<10	<5
3,7	3,5	<1	<2	<1	<10	<5

Ba ICP1	La	W	Pb	Bi	Li	
	1	0.5	10	2	5	1
PPM	PPM	PPM	PPM	PPM	PPM	
28	24.2	<10	<2	<5		5
13	16.8	<10		15 <5	<1	
11	26.9	<10		4 <5		5
25	2.3	<10		9 <5	<1	
6	20.6	<10		7 <5	<1	
16	12.5	<10		5 <5		2
23	45.8	<10		43 <5		19
111	14.8	<10		6 <5		39
15	12.2	<10		5 <5		1