

GEOCHEMISTRY and PROSPECTING

REPORT

BOU 1-4 CLAIMS

GRANT #

YC19930-YC19933

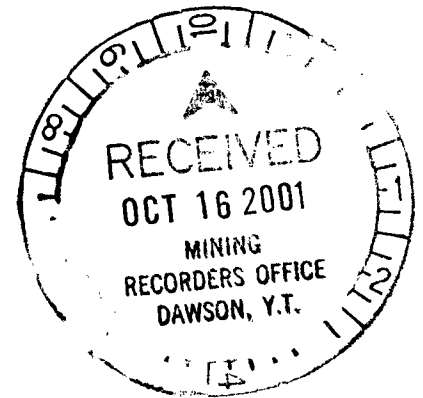
094272

DAWSON MINING DISTRICT

NTS# 116 G\7

LAT: 65' 18.5 N

LONG: 138' 40 W



AUTHOR OF REPORT : SHAWN RYAN

WORK PERFORMED MAY 15, 2000

DATE OF REPORT OCTOBER, 2001

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 1600.

M. Burk
for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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SUMMARY

The Bou 1-4 claims, grant # yc19930-yc19933 will be renewed for five years. The claims were staked to cover anomalous soil value taken by Rob Carnes in 1972. I took 8 soil samples over the known showing and reproduced the known zinc, lead and silver anomaly.

INTRODUCTION

The Bou 1-4 claims were staked to cover a potential zinc, lead and silver showing. I found the old showing and prospected the surrounding area. I found no other showing at the time but there was still lots of snow covering the ridge top so a summer prospecting trip is still warranted.

LOCATION

The Bou 1-4 claims are located 90 air miles north of Dawson City. They sit on a high ridge top west of MT Bouvette and east of the Olqilvie river.

ACCESS

Access can be attained via helicopter from Dawson City.

PROPERTY GEOLOGY

The Bou claims cover a gray, blocky fractured massive siliceous dolomites. The unit is believed to be lower to middle Ordovician in age.

WORK PERFORMED/ METHODS

I spent 3 days on the claims. I found the old showing area and proceeded to take soil sample over the ridge top area. All soil pits were dug down in frozen ground to a depth of 12-18 inches. I took 8 soil samples. All samples were from a rusty soil horizon in an area of 200 meters by 100 meters. I also prospected along the ridge top to look for a continuation of the showing. I did not find any other showings or mineralization.

GEOCHEMISTRY SURVEY

I took 8 soil samples. All samples were processed at ALS Chemex lab in Vancouver BC. I processed samples for Au and 32 other elements. The soil was sieved to a minus 80 mesh. The gold was fire assayed using 15 grams sample and a 32 element ICP was done on 1 gram samples.

INTERPRETATION

SOILS

Soil samples showed anomalous values in Ag, Cd, Mg, Hg, Mo, Pb. Zinc values were extremely high with sample s01 exceeding 10,000 ppm and three more samples exceeding 7,000 ppm.

RECOMMENDATION

I would recommended placing a grid of 500m by 500m over the anomalous zone and taking soil sample every 25 meters. I would also recommended if budget permits having gravity survey over the anomalous zones. Hand trenching would also be recommended over the ridge top area.

COST

Helicopter from Dawson	\$ 500.00
Assays	\$ 160.00
Prospector Shawn Ryan 3 Days @ 250.	\$ 750.00
FOOD 3DAYS @ 35.00	\$ 70.00
Report	\$ 500.00 -----
Total	\$2015.00

QUALIFICATIONS

I have being involved in the exploration business for the last 19 years.

I have trained as a geophysical technician with Kidd Creek Exploration for eight years.

I have worked as a geophysical contractor for 11 years.

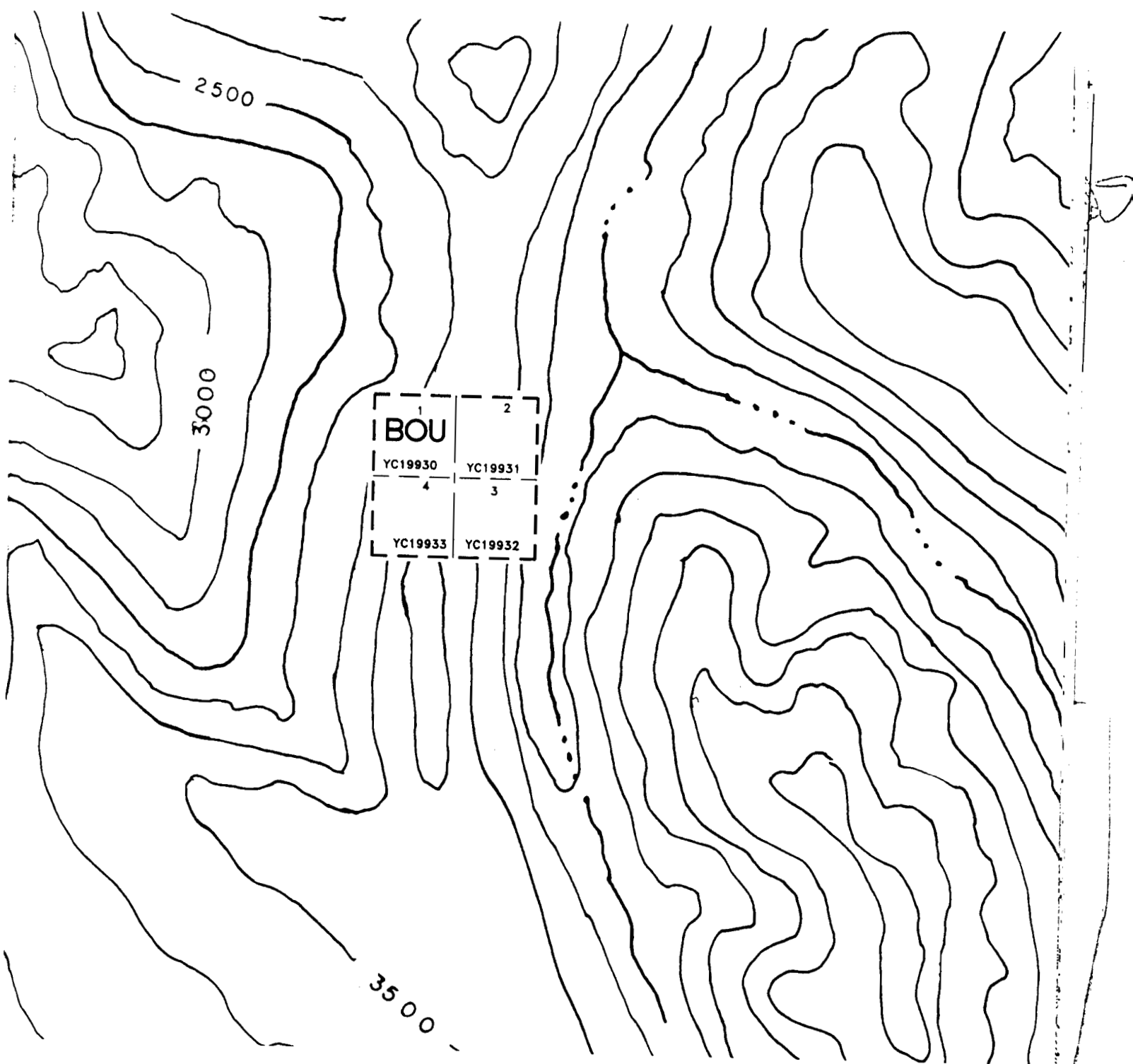
I have ran numerous geophysical surveys and soil sampling surveys in the Yukon and Ontario.

I have being actively prospecting in the Yukon for the last seven years.

I have being the prospector in charge of gathering the data and have overview the whole project.

I owned 100 percent in the Bou 1-4 Claims

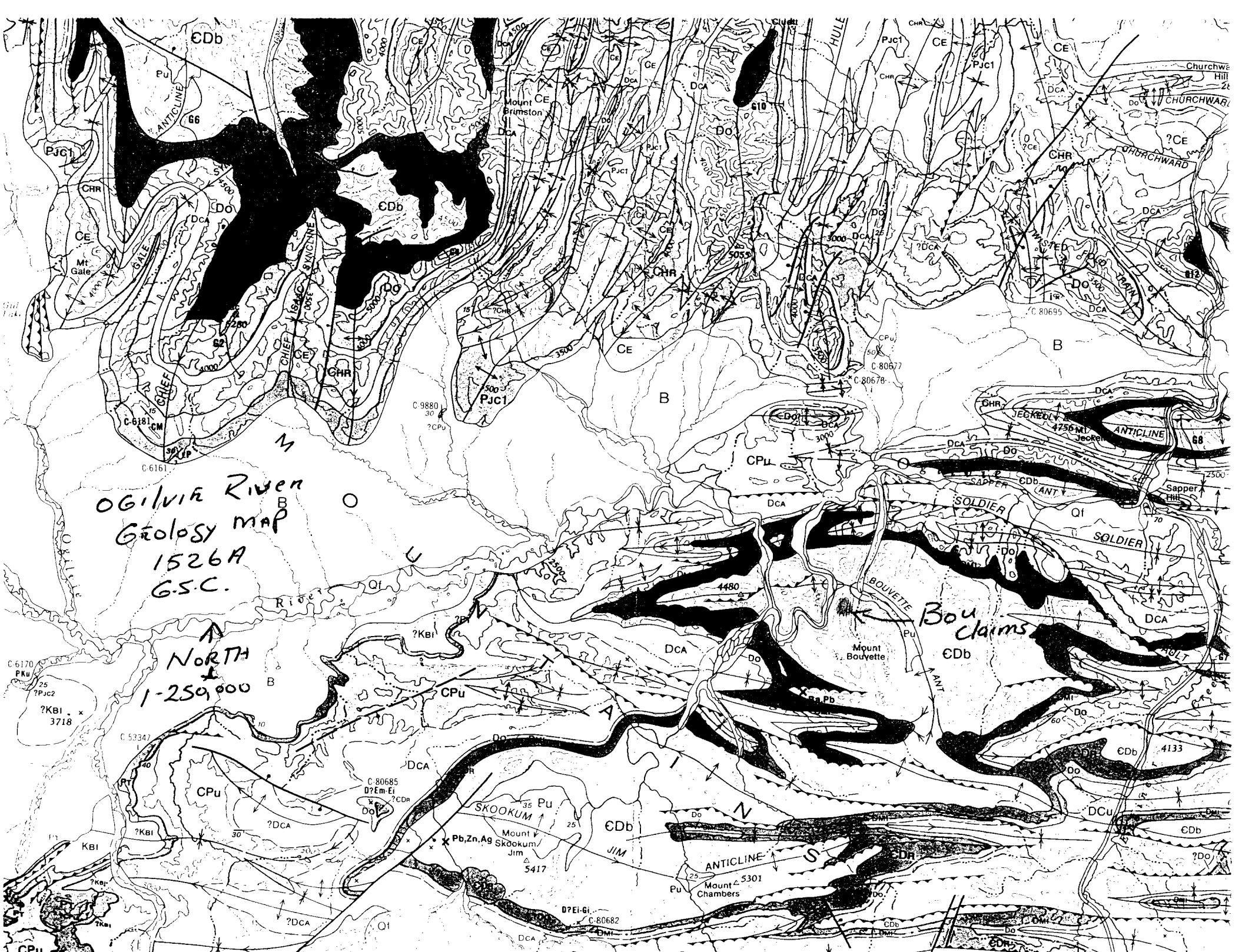
A handwritten signature in black ink, appearing to read "John R. ...". The signature is fluid and cursive, with a long horizontal stroke at the end.



NTS # 116 G/7

NORTH ↑

Olgilvie River Project



PALEOZOIC

Cb

Sandstone, brown weathering; conglomerate; limestone, skeletal; marine



HART RIVER FORMATION, Cb AND ETTRAIN FORMATION: undivided

LOWER AND UPPER CARBONIFEROUS



HART RIVER FORMATION: limestone, brownish grey weathering, skeletal, micritic; dolomite; chert; marine; may include equivalents of Ford Lake Shale and Blackie Formation

The new formation name Blackie is after D.C. Pugh (in press)

DEVONIAN AND CARBONIFEROUS

UPPER DEVONIAN AND LOWER CARBONIFEROUS



FORD LAKE SHALE; shale, greyish black, siliceous; chert and limestone; marine; may include Canol and Imperial Formations

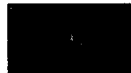
DEVONIAN

UPPER DEVONIAN

Dca

CANOL FORMATION: shale, black, siliceous; marine

LOWER AND MIDDLE DEVONIAN



OGILVIE FORMATION: limestone, fine grained, dark grey and black; marine; may include equivalents of Gossage Formation

LOWER DEVONIAN



MICHELLE FORMATION: shale, black, calcareous; limestone, black, richly fossiliferous; dolomite, orange brown weathering

CAMBRIAN TO DEVONIAN

UPPER CAMBRIAN TO LOWER DEVONIAN



Limestone and dolomite, grey and brown; shale, dark grey to black; marine; may include equivalents of Gossage and Ogilvie Formations



ROAD RIVER FORMATION: shale, black, graptolitic; limestone, medium crystalline, dark grey; marine; includes lateral equivalents of Michelle Formation

€Db and €DR are facies equivalents in part

CAMBRIAN AND ORDOVICIAN

LOWER CAMBRIAN TO MIDDLE OR UPPER ORDOVICIAN

COJR

JONES RIDGE LIMESTONE: limestone, biogenic, oolitic, siliceous, massive; marine; may include Ogilvie Formation locally

PROTEROZOIC

HADRYNIAN



TINDIR GROUP: shale, greyish black; limestone; dolomite; diabase sills and dykes; undivided

HELIKIAN

Hg

GILLESPIE LAKE GROUP: dolomite, algal, siliceous, orange weathering; undivided; marine

Pu

Siltstone, quartzite, and dolomite; undivided; may include Middle Cambrian beds in Nahoni Range; marine?

? APHEBIAN



QUARTET GROUP: argillite, red, green and grey, slaty; quartzite, fine grained, light grey; marine?

Note: Structure and stratigraphy within Kandik Basin is poorly known and is oversimplified



Ogilvie River
Geology map
1526A
G.S.C.

MOUNTAINS

NORTH 541

NTS 116 6/7

RIVER

556

545

648

100

800

100

100

715

900

900

1000

1193

MOUNT
BOUVETTE

TRANSVERSE ROUTE





212 BROADWAY AVE., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

Project :
 Comments: ATTN: SHAWN RYAN

Account : PRP

CERTIFICATE OF ANALYSIS A0021330

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
1 - BO 20501	201 202	< 5	3.4	0.13	4	< 10	640	< 0.5	< 2	13.45	11.0	< 1	9	13	2.30	< 10	2	< 0.01	< 10	8.61
2 - BO 20502	201 202	10	6.2	0.37	30	< 10	120	< 0.5	< 2	10.30	25.0	3	12	37	6.27	< 10	2	0.01	< 10	6.42
3 - BO 20503	201 202	< 5	0.6	1.22	12	< 10	240	< 0.5	< 2	5.27	20.5	7	25	27	2.94	< 10	< 1	0.04	< 10	3.42
4 - BO 20504	201 202	< 5	0.2	0.75	10	< 10	180	< 0.5	< 2	10.70	2.5	3	14	12	1.28	< 10	2	0.03	< 10	6.93
5 - BO 20505	201 202	< 5	< 0.2	0.64	14	< 10	220	< 0.5	< 2	12.00	5.0	3	13	14	1.31	< 10	< 1	0.03	< 10	7.76
6 - BO 20506	201 202	< 5	2.8	1.16	24	< 10	200	< 0.5	< 2	5.75	14.5	5	24	39	4.13	< 10	3	0.03	< 10	3.74
7 - BO 20507	201 202	< 5	0.4	0.85	4	< 10	290	< 0.5	< 2	10.35	9.0	4	15	20	1.99	< 10	1	0.03	< 10	6.70
8 - BO 20508	201 202	< 5	2.2	1.21	12	< 10	170	< 0.5	< 2	4.60	3.0	7	22	17	2.23	< 10	2	0.04	< 10	2.63
9 - BO 501	201 202	< 5	< 0.2	2.21	4	< 10	180	< 0.5	2	0.51	< 0.5	13	50	58	2.86	< 10	< 1	0.09	< 10	0.67
10 - BO 502	201 202	< 5	< 0.2	3.01	4	< 10	380	< 0.5	2	0.37	< 0.5	21	214	62	3.85	< 10	< 1	0.82	< 10	2.23
11 - BO 501	201 202	< 5	< 0.2	2.46	4	< 10	370	< 0.5	< 2	0.38	0.5	12	39	24	3.90	< 10	< 1	0.87	< 10	1.02
12 - BO 502	201 202	< 5	< 0.2	3.29	10	< 10	300	< 0.5	< 2	0.38	0.5	13	43	43	4.84	< 10	1	1.14	10	1.42
13 - BO 503	201 202	< 5	< 0.2	3.08	20	< 10	570	< 0.5	< 2	0.25	0.5	13	55	39	3.90	< 10	< 1	0.20	< 10	0.79
14 - BO 504	201 202	< 5	< 0.2	0.63	6	< 10	80	< 0.5	< 2	0.14	< 0.5	3	19	12	1.15	< 10	< 1	0.06	< 10	0.21
15 - BO 505	201 202	< 5	0.6	2.82	24	< 10	200	< 0.5	< 2	0.21	2.5	11	45	45	3.70	< 10	1	0.08	< 10	0.74
16 - BO 501	201 202	< 5	< 0.2	1.44	10	< 10	130	< 0.5	< 2	0.71	< 0.5	9	32	18	2.67	< 10	< 1	0.07	< 10	0.63
17 - BO 502	201 202	< 5	< 0.2	1.74	22	< 10	200	< 0.5	< 2	0.73	0.5	8	30	26	2.42	< 10	< 1	0.07	< 10	0.56
18 - BO 503	201 202	< 5	< 0.2	1.79	8	< 10	250	< 0.5	< 2	0.49	0.5	11	41	26	3.05	< 10	1	0.15	20	0.56
19 - BO 20501	201 202	5	< 0.2	3.28	20	< 10	110	5.0	< 2	0.71	0.5	19	43	58	2.96	< 10	< 1	0.19	100	0.53
20 - BO 20502	201 202	< 5	< 0.2	4.43	18	< 10	60	7.5	< 2	0.68	4.0	9	8	26	3.14	10	1	0.15	60	0.30
21 - BO 20503	201 202	< 5	< 0.2	2.97	10	< 10	90	6.5	< 2	0.42	0.5	13	11	28	2.41	< 10	< 1	0.15	110	0.29
22 - BO 20504	201 202	< 5	< 0.2	3.85	12	< 10	50	10.0	2	0.30	1.5	7	6	23	4.61	10	< 1	0.17	140	0.15
23 - BO 501	201 202	< 5	< 0.2	1.21	2	< 10	280	< 0.5	< 2	0.08	< 0.5	4	18	8	1.61	< 10	< 1	0.05	30	0.32
24 - BO 502	201 202	< 5	< 0.2	1.96	8	< 10	200	< 0.5	< 2	0.06	< 0.5	6	25	10	3.22	< 10	< 1	0.10	10	0.54
25 - BO 503	201 202	< 5	< 0.2	0.71	2	< 10	230	< 0.5	< 2	0.04	< 0.5	1	9	3	0.98	< 10	1	0.05	40	0.16
26 - BO 504	201 202	5	< 0.2	2.45	16	< 10	270	< 0.5	< 2	0.06	< 0.5	9	40	18	3.78	< 10	< 1	0.06	20	0.51
27 - BO 20501	201 202	< 5	< 0.2	1.73	4	< 10	150	0.5	< 2	0.49	< 0.5	9	33	15	3.19	< 10	< 1	0.24	70	0.61
28 - BO 20502	201 202	< 5	< 0.2	2.08	6	< 10	140	< 0.5	< 2	0.48	< 0.5	9	38	17	3.28	< 10	< 1	0.12	10	0.87
29 - BO 20503	201 202	< 5	< 0.2	1.62	4	< 10	110	< 0.5	< 2	0.57	< 0.5	8	37	12	2.82	< 10	1	0.11	20	0.62
30 - BO 20504	201 202	< 5	< 0.2	1.52	6	< 10	110	< 0.5	2	0.61	< 0.5	8	36	12	2.74	< 10	< 1	0.10	30	0.58
31 - BO 20505	201 202	< 5	< 0.2	3.58	12	< 10	150	0.5	< 2	0.21	0.5	12	50	26	4.34	< 10	< 1	0.05	10	0.70
32 - BO 20506	201 202	< 5	< 0.2	1.43	6	< 10	80	< 0.5	< 2	0.20	< 0.5	4	23	13	2.31	< 10	1	0.05	< 10	0.36

~~Bo~~ Soil Series NTS ~~with in / unit~~ ~~Bo~~ ~~Bo~~ ~~Bo~~ ~~Bo~~ ~~Bo~~
 Bo Soil Series NTS 116 G/7 Mount Bouvette Area

CERTIFICATION:



212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

YOB 1G0

Project:
 Comments: ATTN: SHAWN RYAN

INVOICE NO. : 10021330
 P.O. Number :
 Account : PRP

CERTIFICATE OF ANALYSIS A0021330

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BO 20501	201 202	980	7	< 0.01	4	160	528	0.01	6	< 1	59	< 0.01	< 10	< 10	10	< 10	>10000
BO 20502	201 202	1755	18	< 0.01	11	230	528	0.02	2	< 1	40	< 0.01	< 10	< 10	11	< 10	9900
BO 20503	201 202	1005	5	0.01	21	530	94	0.06	6	1	28	0.01	< 10	< 10	42	< 10	7000
BO 20504	201 202	600	5	0.01	10	410	60	0.03	< 2	< 1	45	0.01	< 10	< 10	24	10	532
BO 20505	201 202	740	5	0.01	14	280	60	0.02	< 2	< 1	55	< 0.01	< 10	< 10	27	20	576
BO 20506	201 202	885	8	0.01	18	470	362	0.05	< 2	1	27	0.01	< 10	< 10	39	< 10	7160
BO 20507	201 202	875	3	0.01	14	360	56	0.03	6	1	44	0.01	< 10	< 10	27	< 10	1850
BO 20508	201 202	1155	7	0.01	15	910	60	0.12	< 2	1	22	0.01	< 10	< 10	36	< 10	1595
501	201 202	620	< 1	0.03	24	160	2	0.01	< 2	5	36	0.11	< 10	< 10	76	< 10	50
502	201 202	350	1	0.01	120	340	< 2	< 0.01	< 2	4	24	0.22	< 10	< 10	98	< 10	74
501	201 202	455	1	0.02	16	570	< 2	< 0.01	2	7	25	0.18	< 10	< 10	89	< 10	92
502	201 202	570	2	0.01	18	710	34	< 0.01	< 2	9	24	0.23	< 10	< 10	100	< 10	150
503	201 202	540	1	0.01	33	290	2	< 0.01	< 2	5	25	0.13	< 10	< 10	96	< 10	82
504	201 202	165	< 1	0.01	7	250	< 2	< 0.01	< 2	1	13	0.08	< 10	< 10	44	< 10	26
505	201 202	340	< 1	0.01	30	550	12	< 0.01	< 2	4	18	0.08	< 10	< 10	82	< 10	188
501	201 202	355	1	0.03	17	890	< 2	0.01	< 2	4	38	0.10	< 10	< 10	74	< 10	52
502	201 202	300	1	0.03	17	450	< 2	0.01	2	4	44	0.10	< 10	< 10	57	< 10	42
503	201 202	780	1	0.01	27	250	6	< 0.01	6	6	29	0.07	< 10	< 10	59	< 10	66
20501	201 202	635	2	0.05	56	1220	60	0.10	< 2	1	84	0.07	< 10	< 10	37	< 10	148
20502	201 202	1000	3	0.03	5	490	64	0.08	< 2	1	69	0.08	< 10	< 10	35	10	328
20503	201 202	730	4	0.03	11	620	36	0.05	< 2	1	69	0.05	< 10	< 10	29	10	146
20504	201 202	815	11	0.07	4	420	48	0.10	2	< 1	40	0.05	< 10	< 10	19	30	276
501	201 202	105	< 1	< 0.01	9	120	8	< 0.01	< 2	1	18	0.03	< 10	< 10	29	< 10	30
502	201 202	265	2	< 0.01	11	230	8	< 0.01	6	3	12	0.06	< 10	< 10	48	< 10	60
503	201 202	75	< 1	< 0.01	4	60	26	< 0.01	< 2	1	7	0.02	< 10	< 10	18	< 10	20
504	201 202	240	3	0.01	17	240	6	0.06	2	6	31	0.06	< 10	< 10	60	< 10	54
20501	201 202	400	3	0.03	16	530	2	< 0.01	2	7	37	0.13	< 10	< 10	67	< 10	74
20502	201 202	320	2	0.02	15	580	2	< 0.01	< 2	5	35	0.15	< 10	< 10	81	10	62
20503	201 202	345	1	0.01	15	1260	< 2	< 0.01	2	4	30	0.10	< 10	< 10	69	< 10	64
20504	201 202	380	2	0.01	14	1220	< 2	0.01	< 2	4	38	0.09	< 10	< 10	68	< 10	60
20505	201 202	370	1	0.01	23	310	4	< 0.01	4	5	24	0.13	< 10	< 10	109	< 10	76
20506	201 202	205	1	0.01	10	160	2	< 0.01	2	3	20	0.12	< 10	< 10	69	< 10	40

CERTIFICATION: