

LOG NO: 09-07	RD.
ACTION:	
FILE NO:	

PROSPECTING AND GEOCHEMICAL REPORT

ON

BC CLAIM

RECORD #10602

OMINECA MINING DIVISION

NTS: 93K/14 E&W

LATITUDE: 54° 51' N. (UTM 8500000M N.)

LONGITUDE: 125° 15' W. (UTM 555000M E.)

OWNER & OPERATOR: Eric A. Shaede

AUTHOR: Eric A. Shaede, Ph.D.

DATE: August 29, 1990

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,243

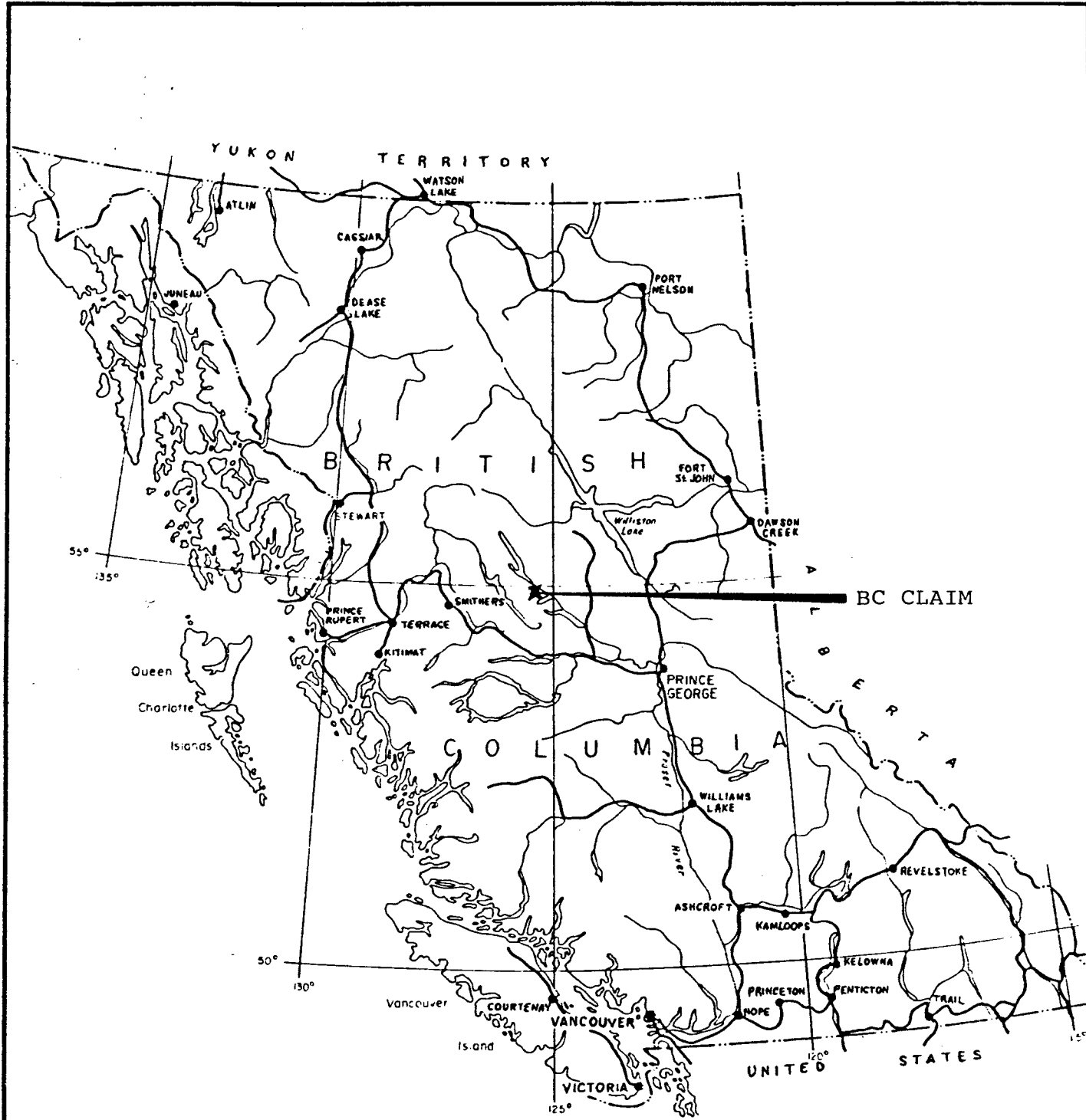
TABLE OF CONTENTS

	<u>Pages</u>
INTRODUCTION:	1-7
1. Property Description	1
2. Location and Access	1-5
Map 1 - General Location Map	2
Map 2 - Index Map	3
Map 3 - Detailed Index Map	4
3. Physiography	5-6
4. Previous Work	6
5. Scope of Present Work	6
RESULTS AND DISCUSSION:	7-10
Map 4 - Sample Location Map	8
Table 1 - Rock Sample Descriptions	9
CONCLUSIONS:	10
REFERENCES:	10
DETAILED COST STATEMENT:	11
ACKNOWLEDGEMENT:	11
AUTHOR'S CERTIFICATE:	12
APPENDIX 1 - Analyses Certificates	13-14

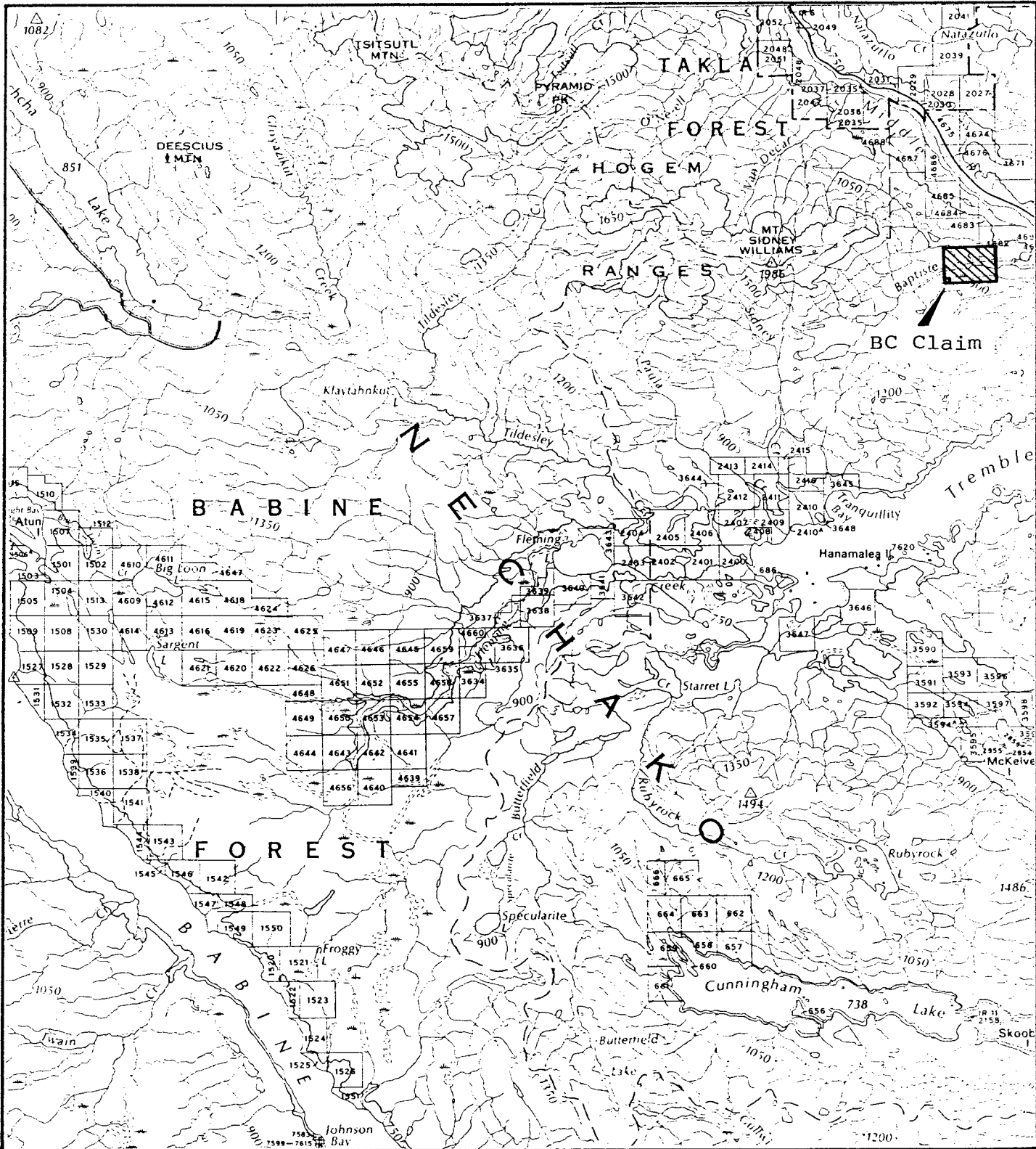
INTRODUCTION:

1. Property Description: The BC claim property consists of a single metric-grid claim of 20 units, record number 10602, in the Omineca Mining Division. The anniversary date is June 15th and with the application of the work reported herein, the claim will be in good standing until 1991. The claim was staked between June 12 and June 15, 1989 to cover a portion of the old Bap claim (record #5485) which had been staked in 1983 by others and had been allowed to forfeit. The BC claim adjoins the MID claim (record #8108) owned by Corona Corporation and overlaps two two-post claims (Bap #1 and #2, records #9063, 64) which were previously staked by the author and have been included in the present claim. The recorded owner of the BC claim is Eric A. Shaede of R.R. #1, Sicamous, B.C., VOE 2VO.

2. Location and Access: The BC claim is located in an area of relatively flat topography near the Middle River which flows from Takla Lake into Trembleur Lake about 75km northwest of Fort St. James, B.C.. Baptiste Creek flows eastward through the centre portion of the claim in a fairly deep rock canyon. The legal corner post (LCP) is situated near the west edge of a large swampy clearing approximately 6km west of the mouth of Baptiste Creek and about 500 meters south of the creek canyon wall. The claim extends 5 units east and 4 units north of the LCP. Maps 1,2 and 3 show the



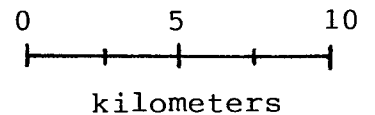
MAP 1		
GENERAL LOCATION MAP		
BC CLAIM		
Drawn: EAS	Checked: EAS	
Scale: As shown	Date: 25/08/90	



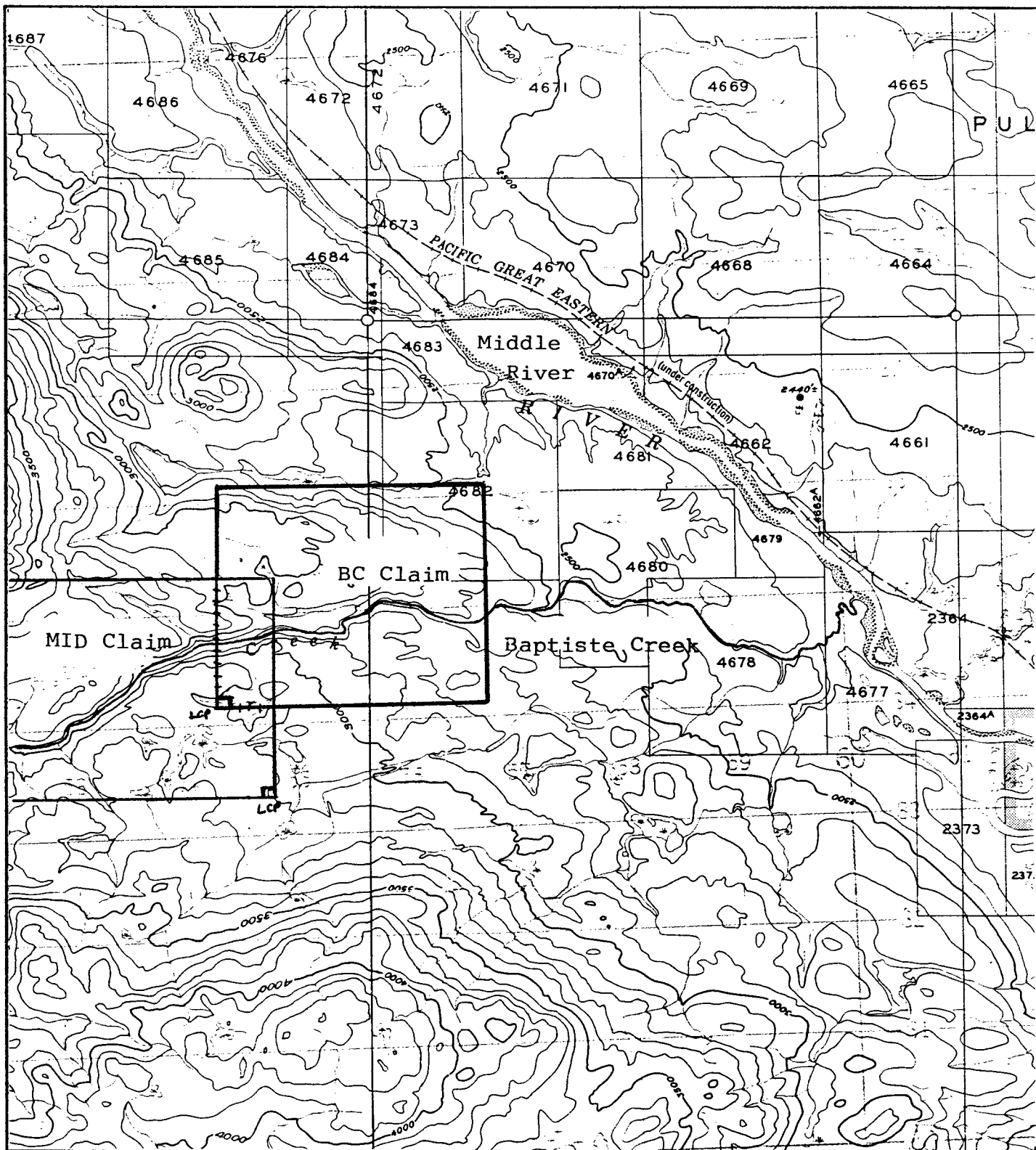
MAP 2

INDEX MAP

BC CLAIM



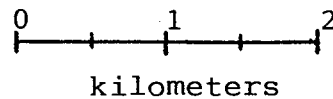
NTS 93K Scale = 1:250,000



MAP 3

DETAILED INDEX MAP

BC CLAIM



NTS 93K/14 E&W Scale = 1:50,000

claim relative to major highways, roads and general topographical features. As mentioned above, the BC claim adjoins and partially overlaps the east edge of the MID claim. Other blocks of claims are located in the vicinity.

At the time of staking, the claim area was accessible easily only by helicopter. Access was also possible by boat along the Middle River and then overland on foot. Subsequently in the winter of 1989-90, a new bridge was constructed across the Middle River and a logging road built which apparently provides 4x4 road access to the vicinity of the BC claim.

For the exploration work reported herein, access was via helicopter from the Apollo forestry camp on Kazchek Lake which was accessed from Fort St. James by truck along the Leo Creek Forest road. The flying time to the claim was about 15 minutes with several suitable landing sites being available in the claim area.

3. Physiography: The claim area is largely forest covered with areas of thick brush and numerous windfalls. Other areas are swampy and wet. The topographical relief is relatively gentle with elevations ranging from about 700 to 900 meters. Baptiste Creek flows in a steep walled rock canyon about 50 meters deep in the approximate centre of the claim. Several small tributary creeks flow into the main stream and these also have cut small canyons.

Outcrop is abundant in the area of the canyons and several other outcrops were found along claim lines. Snowfall is expected to be moderate in the area and the claim area should be snowfree from May to November.

4. Previous Work: The claim area is underlain by a large mass of altered ultramafic intrusive rocks according to the published geological maps. GSC Memoir #252 reported an assay of 0.035 oz/ton gold from an outcrop of quartz-carbonate-mariposite rock at a location of 3 miles up Baptiste Creek. The old BAP claim was staked in 1983 to cover this area and a small amount of exploration work was done that year and reported in Assessment Report #11,879. That report indicated that some anomalous silt gold values could not be repeated and that a rock sample analysed 1400 ppb gold was found in the canyon. The BAP claim forfeited in 1987. The author staked two two-post claims over a portion of the Baptiste Creek canyon in October of 1987 and collected several rock samples from the south canyon rim. These samples gave several weakly anomalous results.

5. Scope of Present Work: With assistance from Noranda Exploration Company Ltd., a 20 unit metric-grid claim was staked over the Baptiste Creek canyon in June of 1989. Unfortunately, due to weather conditions and poor bush conditions, the claim staking took much longer than planned and only a total 3 man-days could be spent on prospecting.

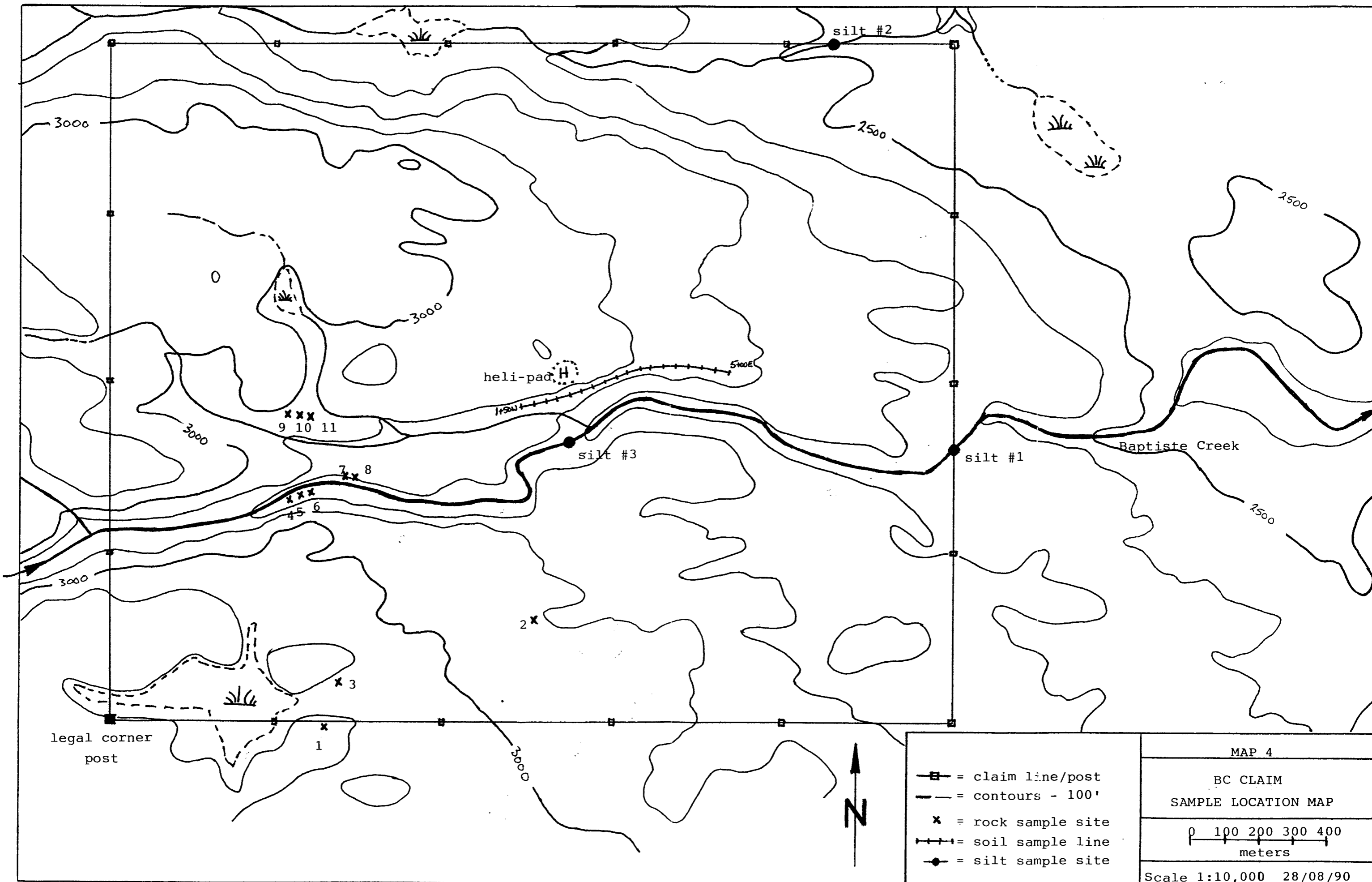
Prospecting was confined to the immediate area of Baptiste Creek canyon and a total of 11 rock samples were collected along with 3 silt samples and 14 soil samples. All samples were analysed for 31 elements by ICP and for gold by fire assay with AA finish.

RESULTS AND DISCUSSION:

Sample locations and topography are plotted on Map 4. Rock sample descriptions are given in Table 1. Analyses certificates are given in Appendix 1.

A considerable amount altered mafic and ultramafic rock outcrop was examined along the bottom of the canyon in the western part of the claim. Only a few samples were taken for analysis because most of the outcrop and talus rock appeared to be barren of mineralisation. Some evidence of previous prospecting and sampling was noted but the old sample sites from 1983 could not be found. In addition, no outcrop matching the limited description in A.R.11879 was found at the location plotted on the map in that report. None of the rock samples collected in this work contained any gold or base metals values and only one contained elevated arsenic.

Three silt samples were collected; two from Baptiste Creek and one from a small creek on the north claim boundary. None of these samples contained any anomalous gold or base metals values.



- = claim line/post
- - - = contours - 100'
- x = rock sample site
- - - - - = soil sample line
- = silt sample site

MAP 4
BC CLAIM
SAMPLE LOCATION MAP

0 100 200 300 400
meters

Scale 1:10,000 28/08/90

TABLE 1

BC CLAIM PROSPECTING & GEOCHEMICAL REPORTROCK SAMPLE DESCRIPTIONS*

<u>SAMPLE #</u>	<u>DESCRIPTION</u>
01	Quartz vein in altered volcanic(?) rock from outcrop. Milky white quartz with brown carbonate and green mica (?) and some pyrite crystals.
02	Dark green porphyritic rock with abundant pyrite crystals from outcrop.
03	Hard, silicious white and green felsic rock with minor pyrite and some dark specks of unknown mineral from outcrop.
04	Intensely altered rock - mariposite (?) with emerald green mineral and brownish carbonates from talus slide.
05	Milky white quartz vein rock with small amounts of emerald green minerals and brownish carbonate veinlets from talus slide.
06	Quartz-carbonate-mariposite rock with quartz veinlets from talus slide.
07	Altered felsic volcanic rock with quartz veinlets and abundant pyrite crystals from talus slide.
08	Quartz-carbonate-mariposite with abundant green minerals and minor pyrite from talus slide.
09	Rusty weathered, fine grained greenish rock with fine black streaks and quartz veinlets from outcrop
10	Rusty quartz vein (2cm) within wallrock as in sample #09.
11	Milky white quartz-carbonate with no visible sulfides and some green minerals from outcrop.

*All samples are grabs of several small pieces which appear visually to be representative of the outcrop or talus boulder.

A short line of soil samples was taken from B & C horizon soils at a depth of 10-15 cm, near the rim of the canyon in an area where an altered felsic volcanic rock with quartz veinlets outcropped. The 14 samples analysed gave only background level values for all elements.

CONCLUSIONS:

Due to the limited amount of time spent prospecting and the small number of samples collected for analysis, no firm conclusions can be drawn from this work. Further work is warranted to examine the outcrop in the canyon in much more detail to try to locate the gold bearing rocks reported in previous studies. In addition, heavy mineral concentrates should be collected from all streams to assist in the search for precious metals. Some geophysical work would also be useful in assessing the property's geological structures.

REFERENCES:

G.S.C. Memoir #252, p182, 1965.

B.C.D.M. Assessment Report # 11,879, 1983.

DETAILED COST STATEMENT:*

Prospecting and geochemical sampling, June 15-16, 1989:

EAS - 1.5 days @ \$200.....\$300.00

GR - 1.5 days @ \$150.....\$225.00

Mobilisation and demobilisation, June 12,17, 1989:

EAS - 1.0 day @ \$200.....\$200.00

GR - 1.0 day @ \$150.....\$150.00

Accomodation and meals, 5 m.d. @ \$50.....\$250.00

Analyses - Min-En Labs

- 11 rocks @ \$ 17.25.....\$189.75

- 17 soils & silts @ \$15.25.....\$259.25

Miscellaneous supplies, flagging,bags.....\$20.00

Transportation, helicopter, 1.2 hr @\$600..\$720.00

Transportation, truck, 2 days @ \$50.....\$100.00

Report writing, etc., 1 m.d. @ \$200.....\$200.00

Report costs, typing,copies,etc.....\$100.00

TOTAL COSTS: \$2714.00

*These costs do not include any of the claim staking costs.

ACKNOWLEDGEMENT:

Noranda Exploration Company Ltd.'s financial support for this project (transportation and analyses) and the assistance of their field geologist, G.ROWATT, is very gratefully acknowledged.

.../12

AUTHOR'S CERTIFICATE:

I, ERIC ALBERT SHAEDE, of R.R. #1, 411 Coach Road,
Sicamous, B.C., VOE 2VO, do hereby certify:

- I am a graduate of the University of B.C. and I received degrees of B.Sc., M.Sc. and Ph.D. from that University in 1966, 1968 and 1971 respectively.
- I have been employed in the mining industry since 1973 at various positions ranging from metallurgist to mine manager and am presently employed by Cheni Gold Mines Inc. as Ass't Mill Superintendent.
- I have successfully completed the Province of B. C., Mineral Exploration Course for Prospectors on May 18, 1985 and I have been actively engaged in prospecting since that date.
- I personally supervised the work program reported herein and personally wrote this report based on that work and information gathered from published reports.

Dated at Smithers, B.C., August 29, 1990,



Eric A. Shaede, Ph.D.

APPENDIX 1 - ANALYSIS CERTIFICATES - MIN-EN LABS

COMPANY: NORANDA EXPLORATION CO
 PROJECT NO: BASTISTE GRUBSTAKE
 ATTENTION: R. MACARTHUR/E. SHAEDE

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)985-4524

(ACT: F31) PAGE 1 OF 3
 FILE NO: 9/S/0052/R/J/001
 DATE: 06-21-1989

* TYPE ROCK GEOCHEM *

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
01	.6	710	1	1	6	.7	3	7200	3.8	41	13	26980
02	.7	21420	1	1	49	1.0	4	35250	.2	36	55	53850
03	.9	2760	1	1	6	1.1	6	7850	5.4	52	5	27660
04	.8	1330	51	1	12	1.2	7	4860	4.2	91	3	35770
05	.7	340	14	1	12	.5	4	1310	5.2	20	5	17700
06	.9	1770	1	1	50	1.0	5	23370	3.1	39	11	29660
07	.9	1420	1	1	5	1.2	7	6390	6.2	62	12	34180
08	1.0	480	283	1	75	1.7	6	6100	3.5	54	5	27050
09	.6	28650	6	1	78	.9	4	26430	.2	66	55	65940
10	.0	450	1	1	1	1.2	4	7040	7.0	40	5	25370
11	.1	470	19	1	5	.6	3	310	3.2	17	5	12270

COMPANY: NORANDA EXPLORATION CO
 PROJECT NO: BASTISTE GRUBSTAKE
 ATTENTION: R. MACARTHUR/E. SHAEDE

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)985-4524

(ACT: F31) PAGE 2 OF 3
 FILE NO: 9/S/0052/R/J/001
 DATE: 06-21-1989

* TYPE ROCK GEOCHEM *

(VALUES IN PPM)	K	LI	MG	NI	MO	MS	NI	P	PB	SE	SR	TH
01	130	1	39060	312	14	10	603	270	76	3	13	1
02	2450	1	37040	1124	8	40	29	450	47	1	16	1
03	160	1	106920	354	14	10	778	300	86	6	16	1
04	50	1	114330	428	16	10	1254	280	97	10	11	1
05	160	1	67610	213	13	10	318	220	76	1	8	1
06	300	1	70480	432	12	30	575	290	71	2	27	1
07	10	1	117030	524	17	10	917	320	93	9	10	1
08	250	1	117030	475	16	10	944	270	95	13	25	1
09	390	1	37460	1258	7	200	51	630	52	1	34	1
10	10	1	114410	694	16	10	704	310	93	8	22	1
11	100	1	38600	121	9	10	215	180	50	1	3	1

COMPANY: NORANDA EXPLORATION CO
 PROJECT NO: BASTISTE GRUBSTAKE
 ATTENTION: R. MACARTHUR/E. SHAEDE

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)985-4524

(ACT: F31) PAGE 3 OF 3
 FILE NO: 9/S/0052/R/J/001
 DATE: 06-21-1989

* TYPE ROCK GEOCHEM *

(VALUES IN PPM)	U	V	ZN	BA	BN	W	CR	AU-PPB
01	1	14.3	18	1	3	3	294	4
02	1	76.6	66	1	2	1	56	2
03	1	16.4	37	1	1	4	421	3
04	1	15.9	29	1	1	4	342	2
05	1	12.4	19	1	1	3	267	6
06	1	26.2	32	1	1	3	249	2
07	1	17.4	21	1	1	1	421	2
08	1	15.5	24	1	2	3	247	1
09	1	199.4	35	1	1	2	130	3
10	1	12.9	16	1	1	3	244	2
11	1	7.8	14	1	1	3	209	2

APPENDIX 1 cont. - ANALYSIS CERTIFICATES

COMPANY: NORANDA EXPLORATION CO
 PROJECT NO: BASTIESTE GRUBSTAKE
 ATTENTION: R. MACARTHUR/E. SHAEDE

MIN-EN LABS TCF REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V6M 1T2
 (604)990-5814 OR (604)988-4524

(800)431) PAGE 1 OF 3
 FILE NO: 9/V/0052/G/1/002
 DATE: 04-21-1989

(VALUES IN PPM)	AG	AL	AS	S	BA	BE	BI	CA	CD	CE	CU	FE
LS1+50W	1.1	19360	19	1	60	1.0	5	5370	.2	38	26	47730
LS1+00W	.8	23110	15	1	83	1.0	5	4260	.2	37	34	50440
LS0+50W	.8	15020	17	1	63	.7	4	4060	.2	24	17	34810
LS0+00E	1.0	10220	31	1	60	1.0	6	4000	.2	32	30	34900
LS0+50E	.3	13690	70	1	65	.9	4	2030	.2	60	17	58390
LS1+00E	.7	11630	38	1	48	1.1	6	3310	1.7	42	17	37810
LS1+50E	.7	11390	36	1	51	.9	6	2950	.2	38	14	35680
LS2+00E	.5	8780	32	1	47	.8	4	2800	.2	32	7	33720
LS2+50E	.6	12270	29	1	72	1.1	5	3630	.2	44	11	36980
LS3+00E	.6	12030	26	1	49	.8	4	2970	.2	31	13	32610
LS3+50E	.7	11360	29	1	46	1.1	6	3500	.6	42	16	36660
LS4+00E	.8	12010	40	1	93	.9	8	3510	.2	35	17	34020
LS4+50E	.8	11020	39	3	60	1.0	5	3700	.2	36	21	33740
LS5+00E	.7	13450	30	1	63	1.0	5	3840	.2	35	11	32850
BCSILT01	1.2	13160	47	1	60	1.0	7	4730	.2	34	18	37830
BCSILT02	.4	12340	40	5	62	1.2	5	3350	.2	42	18	42900
DCSILT03	1.0	12930	41	1	67	1.1	8	4640	.2	32	17	32650

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PS	SB	SE	TH
LS1+50W	1210	1	13790	676	6	100	168	1590	34	1	15	2
LS1+00W	990	1	15570	784	5	70	115	1570	33	1	11	1
LS0+50W	780	1	11210	309	4	90	95	690	21	1	12	1
LS0+00E	560	1	21590	397	6	120	195	580	34	2	12	2
LS0+50E	590	1	21340	630	6	70	442	930	37	1	9	1
LS1+00E	640	1	36950	493	10	150	387	550	51	2	11	2
LS1+50E	520	1	38140	362	8	150	392	530	50	3	10	1
LS2+00E	520	1	22430	298	6	120	223	510	39	1	9	1
LS2+50E	660	1	30070	571	8	150	308	590	47	1	12	1
LS3+00E	590	1	23130	313	5	130	233	310	30	1	11	1
LS3+50E	850	1	42160	453	8	180	387	560	57	4	12	2
LS4+00E	650	1	28340	460	7	130	318	470	42	1	12	2
LS4+50E	600	1	31350	478	8	150	324	520	46	1	13	2
LS5+00E	610	1	24180	342	6	150	242	630	37	1	13	1
BCSILT01	620	1	33360	715	8	110	345	610	53	2	14	2
BCSILT02	500	1	48300	1078	10	120	580	690	57	4	13	1
BCSILT03	600	1	36600	651	9	120	318	610	52	4	13	2

(VALUES IN PPM)	U	V	ZN	BA	SN	W	CR	AU-PPB
LS1+50W	1	83.1	120	2	2	2	273	2
LS1+00W	1	106.8	163	2	2	2	179	3
LS0+50W	1	61.6	77	2	1	2	194	2
LS0+00E	2	66.7	49	2	2	2	253	1
LS0+50E	1	64.3	74	2	1	6	920	1
LS1+00E	1	61.7	58	2	2	3	371	3
LS1+50E	1	57.8	30	2	2	3	357	2
LS2+00E	1	53.1	45	2	1	3	366	4
LS2+50E	1	63.0	58	2	2	3	369	3
LS3+00E	1	60.9	50	2	1	2	390	1
LS3+50E	1	61.8	52	1	2	3	365	2
LS4+00E	1	61.1	54	2	1	3	332	6
LS4+50E	1	60.9	49	2	2	3	341	2
LS5+00E	1	67.8	38	2	1	3	333	2
BCSILT01	1	68.7	68	2	2	3	421	4
BCSILT02	1	55.9	65	1	2	4	501	3
BCSILT03	5	58.8	44	2	2	3	355	2

.../END