

LOG NO:	0302	RD.
ACTION:		
FILE NO:		

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STATEMENT OF EXPENDITURES

QUALIFICATIONS

## G E O L O G I C A L B R A N C H A S S E S S M E N T R E P O R T

**17,093**

### SUMMARY

9.8 km of grid line was ribboned and blazed and chained. The base line was 020 N which is the strike of the main showing. Stations were marked every 25 meters, lines were spaced 100 meters apart; and branched at right angles 200 meters west and 400 meters east of the Baseline.

About 64 soil samples were collected and assayed for Arsinic sampling interval was 50 meters from Wattaway Creek bridge east to the east side boundary. Samples were taken below the "B" horizon a distinctive layer below ground surface approximately 30 centimeters.

Assay results from main showings BW #1 thru BW #4 are in pocket with maps and geochem results.

The Claims can be reached by taking the Forbidden Plateau ski road from Courtenay, 12 km of paved road and 3 km of gravel road. The second switch back has a road (4x4) to the claims.

The B W #4 Claim is directly on the North boundary of the Forbidden Plateau Ski area and the main showings with 26 meter trench at 840 meters above sea level. The claim is a twelve unit block, (three units south and four units east).

The claim has virgin timber in some parts but mostly second growth scrub, with large cleared areas where carbonate alteration is most noticeable.

Since this is a discovery claim there has been no previous work reported.

#### GEOLOGY

Most of the ground mass is the Karmutsen (Bonanza Volcanics) formation pillow lava, minor limestones, some calcerous quartz veins with the odd shear zone. Outcrops were found by following the breccia float to the main showing encountering numerous alteration areas (five) on the way. The main showing has an 8 meter wide metallic top or cap 15 centimeters thick interlaced with silicified chlorite breccia, 1/2 a meter thick with carbonate alteration then another breccia layer was exposed on the trench, (in bottom of trench).

The strike is 020 - 10N and the road grade is 12 .

VLF - Survey

Readings were taken with a model 27 unit of Saber Electronics in Burnaby, B.C. and the transmitter from Seattle was used. Readings were taken every 25 meters and the Frazer method was used for reducing figures for contouring and are shown in accompanying map in pocket. Three strong to moderate conductors are present and should be looked at more thoroughly. The field book and part of another are enclosed with this report.

### GEOCHEM SURVEY

The sampling was done above Wattaway Creek main log road in the distinctive "B" horizon. No conclusions can be drawn from the data which is included at back of report.

### CONCLUSIONS AND RECOMMENDATIONS

The main showings need to be opened up with a longer and wider trench. The shear zones should be sampled and along with the numerous calcereous quartz veins on the property. Trenching should be done in the areas of Carbonate alteration and sampled.

STATEMENT OF EXPENDITURES

VLF unit rental 2 months	600.00
Geochem results	253.00
Assays	250.00
Labor 26 m open cut trench	200.00
Prospecting 5 days @ \$100. per day	500.00
Geophysical grid 7800 m at \$250./km	1,950.00
 TOTAL	\$3,653.00

Qualifications

I have worked with Percy Sherpard (a consulting Biologist) on numerous occasions for 3 years from 1983 till 1986. I am a graduate of the Advanced prospectors course in Mesachie Lake in April 1983. I have worked in various engineering assistant situations for Cominco at Bensen Lake and Pine Point and chose to prospect and map the various areas I'm in at every opportunity.

# **MALASPINA COLLEGE**

## *Statement of Course Completion*

HARVEY WILSON BROWN

has

Successfully Completed 180 Hours of Instruction  
in

MINERAL EXPLORATION FOR PROSPECTORS

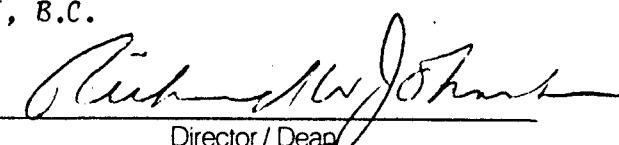
PRESENTED BY B.C. MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES  
B.C. MINISTRY OF EDUCATION

APRIL 16 to 30, 1983 - MESACHIE LAKE, B.C.

MAY 2, 1983

Dated at Nanaimo,  
British Columbia, Canada

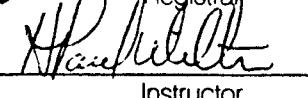


  
Richard M. Johnson

Director / Dean

  
Alice L. Johnson

Registrar

  
H. Paul Miller

Instructor

**VANGEOCHEM LAB LIMITED**

MAIN OFFICE: 1521 PEMBERTON AVE. N. VANCOUVER B.C. V7P 2S3 PH: (604) 986-5211 TELEX: 04-352578  
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V6L 1L6 PH: (604) 251-5656

**ICAP GEOCHEMICAL ANALYSIS**

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:1:2 HCl TO HNO<sub>3</sub> TO H<sub>2</sub>O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR SM, Mn, Fe, Ca, Cr, Ni, Ba, Pb, Al, Na, K, V, Pt AND Sr. Au AND PD DETECTION IS 3 PPM.  
 IS\* INSUFFICIENT SAMPLE, ND= NOT DETECTED, -- NOT ANALYZED

COMPANY: NATION RIVER RES. LTD.  
 ATTENTION: COLIN CAMPBELL  
 PROJECT: N/G

REPORT #: 871692PA  
 JOB #: 871692  
 INVOICE #: 871692NA

DATE RECEIVED: 87/11/06  
 DATE COMPLETED: 87/11/10  
 COPY SENT TO:

ANALYST C. Keenes

PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CO PPM	CR PPM	CU PPM	FE %	K %	Mg PPM	Mn PPM	Na PPM	Ni PPM	P %	Pb PPM	Pd PPM	Pt PPM	SB PPM	SM PPM	SR PPM	U PPM	V PPM	Zn PPM	
BW 1	12.9	.22	5107	ND	13	23	.14	31	25	20732	.79	.02	.07	131	2	1.11	10	.01	61	ND	ND	5683	ND	3	ND	8	1753
BW 2	.4	.37	354	ND	15	ND	.04	22	97	293	3.98	.04	.08	639	5	.23	37	.01	10	ND	ND	153	ND	1	ND	ND	91
BW 3	3.0	.18	992	ND	10	13	.10	6	30	5391	.67	.02	.06	74	1	.14	7	.01	8	ND	ND	1333	ND	3	ND	5	202
BW 4	.1	.78	68	ND	18	ND	.04	39	41	125	6.15	.05	.11	1507	2	.33	24	.01	5	ND	ND	61	ND	ND	ND	ND	65
BW 5	.1	5.66	ND	ND	87	ND	2.74	12	57	75	2.99	.05	.78	597	1	.11	8	.10	9	ND	ND	ND	499	ND	ND	ND	46
BW 6	.5	.78	16	ND	52	ND	.23	7	10	114	2.71	.04	.22	105	ND	.12	7	.03	9	ND	ND	10	ND	93	ND	ND	25
BW 7	.3	.10	11	ND	1158	3	.82	3	116	32	.92	.03	.21	147	2	.06	10	.01	7	ND	ND	12	ND	30	ND	ND	40
BW 8	.1	1.97	16	ND	26	ND	1.37	44	21	38	5.39	.05	1.90	961	1	.42	15	.11	5	ND	ND	ND	ND	23	ND	ND	81
DETECTION LIMIT	.1	.01	3	3	1	3	.01	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	1	

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REPORT NUMBER: 871692 GA

JOB NUMBER: 871692

NATION RIVER RESOURCES

PAGE 1 OF 1

SAMPLE #

Au  
ppb

Hg  
ppb

BW 1

-2149+ (1330)

>5000 - 6 "silicified & brecciated cap" + Tetrahilite?

BW 2

130

>5000 - 1 metre below BW 1

BW 3

200

>5000 - Boulders to north

BW 4

65

1400 - Gouge zone at 5 metres downcut.

John M. Campbell

0 NORTH 15°

CLAIM MAP  
OF BN #4 CLAIM.

N  
4

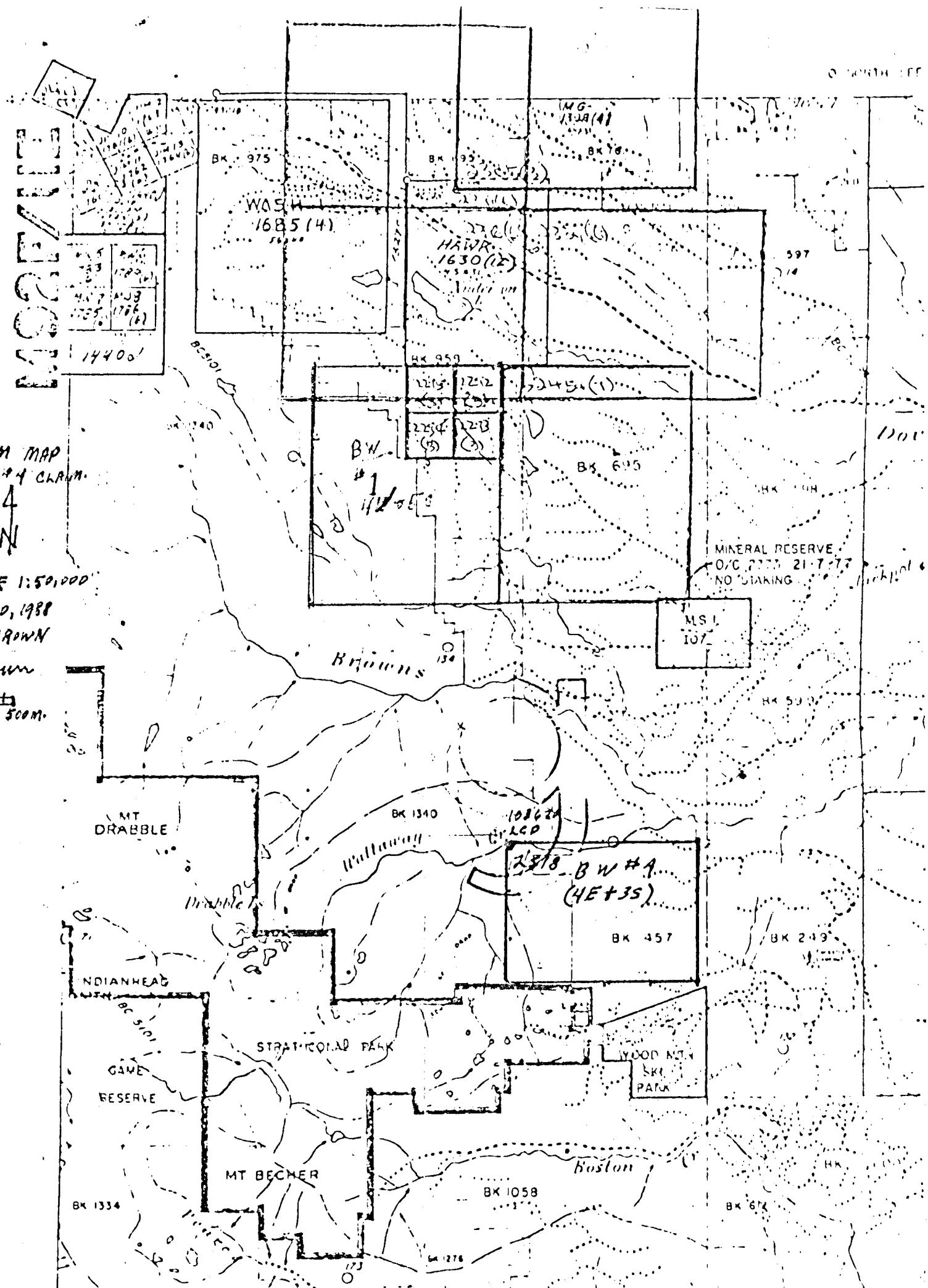
SCALE 1:50,000

Feb 20, 1988

H. H. BROWN

H. H. Brown

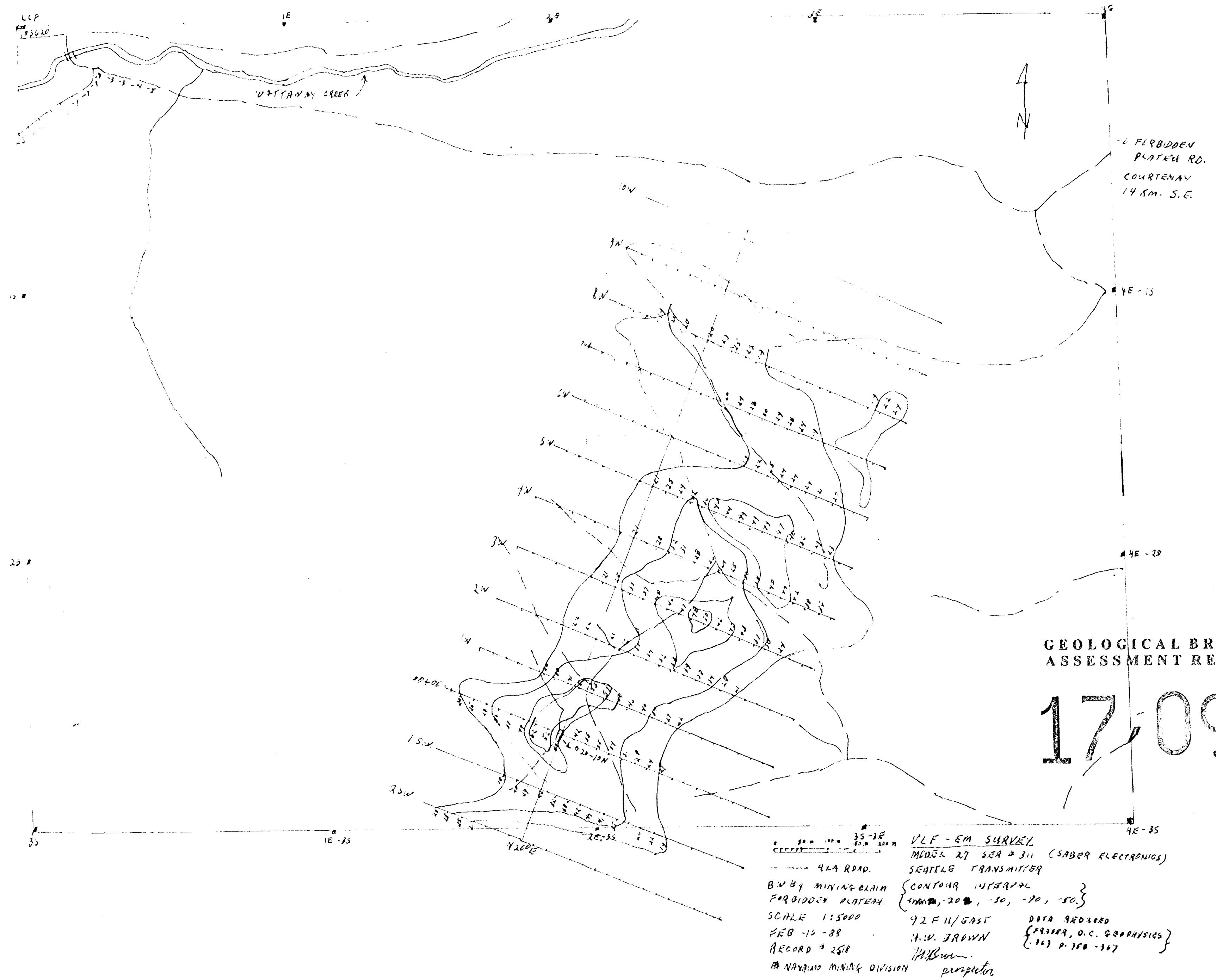
500 m.



station	null	null	Fault	F.S.	Notes
	set				
line 7W	-6	2	-24	30	
225	-6	2	-19	30	
250	-4	2	-16	30	
275	-3	5	-12	28	
300	-3	5	-10	28	
325	-2	5	-8	25	
350	-2	5	-7	25	
375	-1	5	-6	25	
400	-2	5	-	25	
Oct 19/88					
line 8W	-2	0	-	25	
200	-1	0	-5	28	
175	-0	2	-6	28	
150	-2	2	-9	26	
125	-3	5	-12	28	
100	-4	5	-14	30	
75	-3	2	-17	30	
50	-4	1	-12	35	
25	-6	2	-12	35	
40f 800N.	-4	1	-17	30	
25	-3	0	-15	30	
50	-4	1	-12	30	
75	-4	2	-11	30	

Station	full	mult	diff	Fwd	return
Line 8W.	-1	-2	-10	45	
100	-2	-2	-8	48	
125	-3	-0	-9	50	
150	-2	-0	-8	48	
175	-2	-0	-8	45	
200	-1	-1	-9	40	
225	-3	-5	-7	40	
250	-3	-3	-7	48	
275	-0	-2	-6	48	
300	-1	-2	-7	45	
325	-2	-1	-13	46	
350	-4	-1	-17	40	
375	-6	-1	-15	38	
400	-5	-1	-	35	

Line 9W.	-4	-2	-1	
200	-3	-3	-13	35
175	-2	-1	-12	30
150	-3	-1	-15	30
125	-4	-1	-19	28
100	-6	-1	-20	25
75	-6	-2	-20	25
50	-4	-3	-17	27



station	setting	Filter	Field strength	gain setting
25w	-3	0	48	
200m	-4	-5	-17	50 .005
175	-4	-5	-23	55
150	-6	5	-25	50
125	-9	4	-25	55
100	-4	5	-21	45
75	-4	7	-19	55
50 <sup>s</sup>	-2	3	-15	45
25	-3	2	-10	50
00+Baseline	-3	-3	-9	50
200s of shrimps	-2	0	-7	50
SE + 25	-1	0	-7	55
50	-1	-3	-7	55
75	-3	-3	-7	60
100	-2	-2	-8	55
125	-1	+1	-7	50
150	-2	-5	-8	50
175	-2	3	-12	48
200	-3	-1	-13	58
225	-5	-5	-15	60
250	-3	-7	-13	57
300	-2	-3	-12	55
325	-3	-4	-12	58
350	-4	-4	-17	45

Oct 13 station	null	null	Filter setting	Field strength	Note
375	-3	.3	-12	50	
400	-5	-2	-	50	
15. W. 00+	-2	-5	-	45	
200m	-1	-7	-6	50	
175	-2	-8	-7	35	
150	-1	-5	-9	35	
125	-3	-4	-11	20	
100	-3	-7	-16	25	
75	-4	-3	-18	28	
50	-6	-2	-21	22	
25	-5	-5	-24	40	
00 + 00	-6	-4	-26	38	
25	-7	-1	-32	38	
50	-8	-5	-38	45	
75	-11	-7	-42	48	
100	-12	-4	-44	45	
125	-11	-3	-41	42	
150	-10	-1	-35	43	
175	-8	0	-11	40	
200	-6	+1	-26	40	{ cross over.
225	-7	+2	-22	45	
250	-5	-3	-19	45	
300	-4	-4	-15	50	

station	null	null set	Filter	Field strength	notes
225.m	-6	-2	-21	30	
250	-5	-2	-18	28	
275	-4	-2	-15	30	
300	-3	-2	-12	36	
325	-3	-3	-10	36	
350	-2	-4	-9	36	
375	-2	-7	-8	36	
400	-2	-2	-1	30	

Line 1-W.

200	-1	-6	/	20
175	-1	-4	-7	25
150	-3	-7	-9	25
125	-3	-8	-12	28
100	-2	-12	-13	30
75	-4	-15	-20	30
50	-4	-8	-30	45
25	10	-6	-41	40
00 or 100 N	-12	-7	-52	42
25	-15	-2	-53	55
50	-12	-3	-57	58
75	-14	-4	-50	58
100	-16	-2	-44	55
125	-8	-2	-40	58

station	null	null	set	Filt	Total	Shading	notes
150 m.	-8	-0		-30	50		
175	-8	-2		-27	45		
200	-6	-3		-22	50		
225	-5	-2		-16	50		
250	-3	-1		-12	50		
275	-2	-5		-8	48		
300	-2	-4		-8	48		
325	-1	-3		-8	45		
350	-3	-?		-6	40		
400	-2	-0		-1	40		
Line	-2	-1		-	35		
2-west	-3	-2		-9	30		
200	-1	-1		-9	28		
175	-3	-2		-7	30		
150	-2	-1		-9	35		
125	-1	-1		-10	35		
100	-3	-1		-14	40		
75	-4	-0		-17	50		
50	-4	-0		-22	48		
25	-4	-1		-22	48		
00 + 200 m.N.	-9	-2		-15	50		
25	-3	-3		-17	50		
50	-4	-1		-21	50		
75	-4	-11		-26			

start	2nd	full set	1st	total
100M	-8	-5	-31	20
125	-8	-5	-34	25
150	-9	-10	-36	30
175	-9	-10	-38	20
200	-10	-5	-39	20
225	-10	-10	-38	30
250	-10	-10	-34	25
275	-8	-10	-28	30
300	-6	-10	-21	30
325	-4	-15	-16	30
350	-3	-15	-12	30
375	-3	-10	-8	30
400	-2	-10	-	30
Line 3 100M	-1	-20	-	25
Oct 15/wet	-1	-20	-5	25
200 100M	-1	-20	-7	30
175	-2	-20	-7	30
150	-3	-10	-9	30
125	-1	-15	-9	25
100	-3	-10	-10	20
75	-2	-10	-13	30
50	-4	-15	-16	30
25	-4	-10	-21	30

station	full	full	Fuel	Yield	strength ratios
00+300-N	-6	-5	-25	45	
25	-7	-5	-33	46	
50	-8	-5	-37	40	
75	-8	-0	-40	30	
100	-10	-5	-46	30	
125	-11	-0	-47	30	
150	-11	-5	-48	30	
175	-14	-0	-50	30	
200	-11	-5	-46	30	
225	-12	-0	-46	30	
250	-13	-0	-43	30	
275	-10	-5	-37	30	
300	-8	-5	-30	30	
325	-6	-5	-24	30	
350	-6	-5	-19	35	
375	-4	-5	-13	35	
400	-3	-5	-	35	
Line 4 West	-2	-5	-	30	
200 m.	-1	-5	-6	30	
175	-2	-5	-4	25	
150	-1	-5	-4	20	
125	-0	-5	-4	25	
100 m.	-1	-5	-4	30	

205

*Delegation*

DOSE	Time	Null	Null	Filter	Field	Strength	Notes
75	~	-5	-7	55			
50	-1	-0	-9	50			
25	-3	-0	-11	50			
00 ± 400 N.		-3	-5	-16	50		
25	-4	-5	-21	50			
60	-6	-5	-28	50			
75	-8	-10	-32	50			
100	-8	-10	-31	50			
125	-8	+5	-28	50			
150	-7	-20	-26	50			
175	-5	-20	-24	50			
200	-6	-20	-25	50			
225	-6	-25	-30	50			
250	-8	-20	-34	50			
275	-10	-20	-40	50			
300	-10	-25	-44	50			
325	-12	-25	-42	50			
350	-12	-20	-38	50			
375	-8	-20	-36	50			?
400	-6	-26	-	50			

Oct 5 / sun.

Oct 15 / sun.	stat	null	null red	Filted	Field strength	no. notes
Lines 5 - west	-2	-0	-1	-	50	
200	-1	-2	-6	48		
175	-2	-2	-6	48		
150	-1	-2	-8	48		
125	-2	-5	-10	48		
100	-3	-2	-12	38		
75	-4	-2	-14	30		
50	-3	-0	-15	35		
25	-4	-0	-17	30		
00 + 500 N.	-4	-1	-21	30		
25	-4	-2	-25	30		
50	-1	-3	-29	35		
75	-8	-2	-32	30		
100	-8	-1	-36	35		
125	-9	-1	-40	35		
150	-11	-1	-44	40		
175	-12	-2	-49	38		
200	-12	-5	-49	30		
225	-14	-5	-49	35		
250	-11	-5	-47	30		
275	-12	-7	-40	28		
300	-10	-7	-36	30		
325	-9	-8	-29	28		
350	-6	-5	-23	30		

station	null null	null setting	falling	falling	notes
375	-5	-5	-18	30	
400	-4	-5	/	38	

Zone 6 West

200	-2	-5	/	35	
175	-1	-5	-6	35	
150	-2	-5	-6	35	
125	-1	-5	-5	35	
100	-2	-5	-9	35	
75	-0	-5	-5	30	
50	-1	-2	-6	30	
25	-2	-2	-9	30	
00 ft 6000m-N.	-3	-2	-9	30	
25	-5	-2	-10	30	
50	-1	-1	-8	30	
75	-3	0	-9	30	
100	-2	0	-12	30	
125	-3	0	-15	30	
150	-4	-2	-19	28	
175	-6	-2	-22	28	
200	-6	-2	-25	28	
225	-6	-2	-29	28	
250	-7	-2	-29	28	

station	null	null	Fatty	F.S.	notes
300	-5	-2	-24	28	
325	-6	-2	-21	30	
350	-6	-2	-20	30	
375	-4	-0	-19	30	
400	-4	-0	-	30	

Oct 18/87 - cloudy -

Line JW.

200	-2	-5	-	50
175	-1	-5	-8	50
150	-2	-5	-10	45
125	-3	-7	-12	48
100	-4	-7	-12	50
75	-3	-8	-11	50
50	-2	-8	-8	45
25	-1	-5	-8	45
00F700M-N	-2	-4	-9	40
25	-3	10	-12	40
50	-3	10	-16	38
75	-4	12	-20	40
100	-6	-8	-24	45
125	-7	10	-28	40
150	-7	8	-30	40
175	-8	8	-28	38
200	-8	10	-28	38

unit #3 - north east line 275m.  
- dist 225 m.

(large) 20m+  
Unit - 4 - D/C sample taken at  
~~540~~ 00 + 40m.

unit 4 - 511 m. - north to IP 25  
03W.

L 90 to w.r. north west line unit 4.

Siphon swamp at 234 (?)  
strike  $300^{\circ}$

slope encountered at 242 m. west.

Distance along road - 518 m. NW line #4  
to NW line #1.

Oct 22. sight from s housing

$94^{\circ}E$  &  $12^{\circ}N$

(to west to south end  
south end Cape Large Constitution hill)

L's from Archoceras shale

$252^{\circ}$  &  $306^{\circ}$

dryland out & marsh dump.

strike  $N335^{\circ}W$  east.

dip  $18^{\circ}$  east into hill.

Archoceras and  
Banded shale  
on hanging wall  
archoceras on footwall  
contact is dacite  
porphyry.

Mineral showing only  
in hanging wall  
in contact with dacite  
porphyry.

2 strike & dip.

Ls from Archos

$252^{\circ}$  &  $306^{\circ}$

dryland out & runs

strike  $N335^{\circ}W$

dip  $318^{\circ}$

Line 1 at 87 m. E.

in 5 - 6 ft from Line 4.

- M. X Rd # at 150 m.

wolf lake road

00 ft 578 m. T line from 384 m.

146 m. up in 358 4 W - west line  
to ~~south~~ of X Road 43 m.

to line # 4.

Line 5 at 604 N

Line 2 - 56 N. t

Line 4 = 150 m.

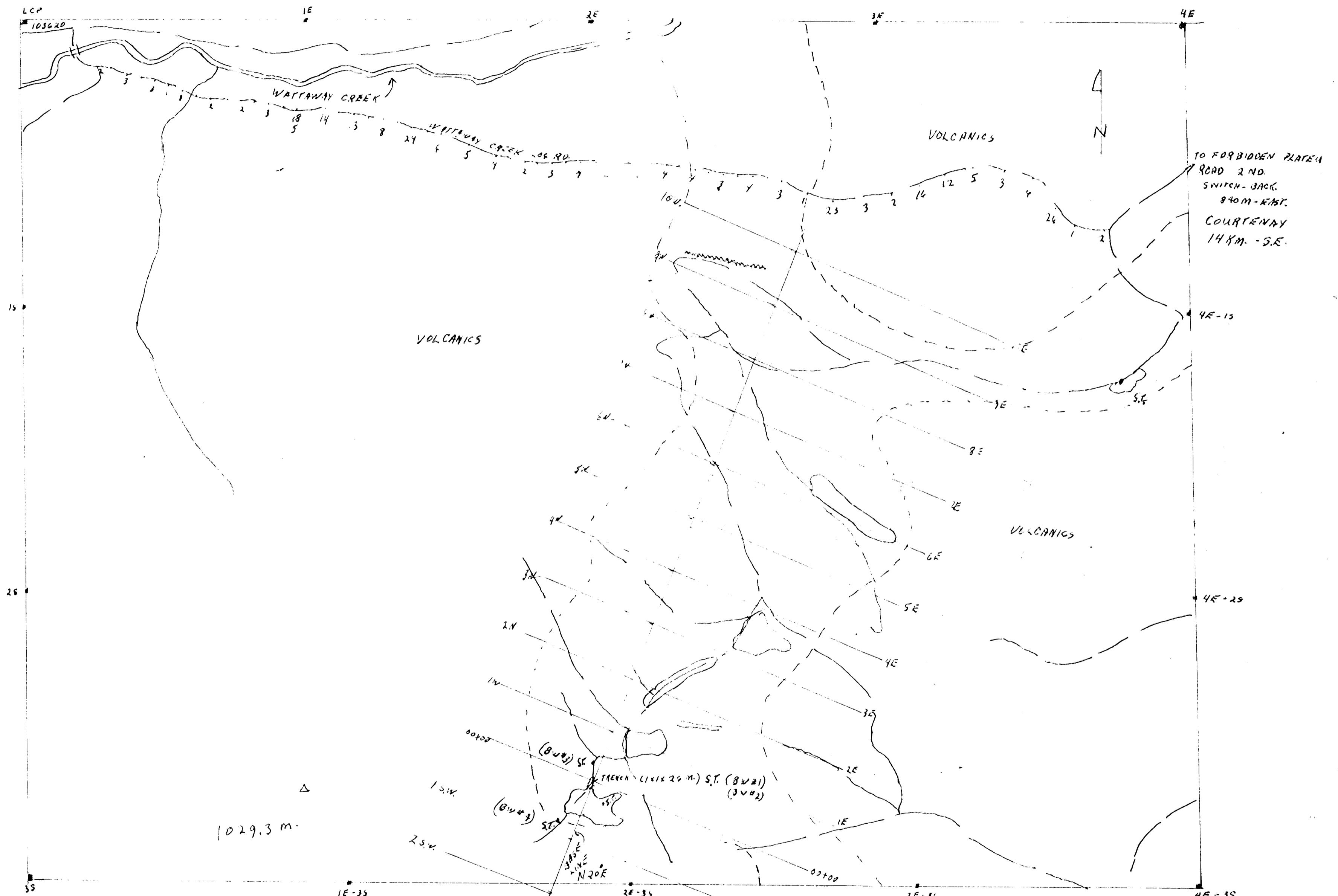
Line 2 & line 2 - crossed lines at 288 m.  
unit 578 m.

Line 2 = 575

Line 3 = 513

Line 4 = 578

+ - 020 ~~10N~~ strike & dip.



MINING CLAIM - RECORD NUMBER - 2518  
B.W. #4 - FORBIDDEN

PLATE 44.  
MANAMO MINING DIVISION  
LITTLE [ ]  
000 200 N  
SCALE 1:5000  
NTS 92 E 3  
FEB 10, 88  
H.W. BROWN

TRENCH ELV. - 310 m.  
SHEAR ZONE ELV - 480 m.

11-33

GEOLOGICAL, ASSAY & SAMPLE & OUTCROP MAP

- LOGGING ROAD  
OR SKIDDER TRAIL (4X4) SOMETIMES  
SAMPLE TAKEN  
SHEAR ZONE  
VERY DENSE  
CARBONATE INJECTION ZONES FOUND  
CONTACT ASSUMED

# GEOLOGICAL BRANCH ASSESSMENT REPORT

James V. Brown - Prospector

17,093



Stations	mult	null setting	Fitter	Rigd strength	Notes
325	-3	-1	-12	50	
350	-3	-1	-11	55	
375	-2	-0	-8	45	
400 m	-3	-2	/	45	

Line 00+00	gain .010				
Oct 14/ cloudy.		-3	-		
200m	-3	-2	-13	50	
175	-4	-1	-20	30	
150	-6	-2	-25	25	
125	-7	-1	-28	30	
100	-8	-0	-32	35	
75	-7	-2	-37	30	
50	-10	-1	-44	38	
25	-12	-3	-52	44	
00+00	-15	-1	-52	45	
25	-15	-5	-48	42	
50	-10	-7	-42	41	
75	-8	-2	-35	45	
100	-9	-1	-35	48	
125	-8	-2	-31	48	
150	-10	-3	-31	48	
175	-7	-4	-28	20	
200	-6	-4	-24	50	

July 10/69

Line	BW #	STN	NULL	FILTER	F.S.
G.C. S; 0055	2000	00	-2	5	50.
	+250	00	-2	6	-10 50
	+150	-3	5	-12	50
	+100	-3	7	-12	60
	+125	-4	10	-11	60
	+150	-2	10	-9	62
	+175	-2	10	-6	62
	+200	-1	12	-5	62
	+225	-1	13	-4	55
	+250	-1	13	-5	62
	+275	-1	18	-6	62
	+300	-2	17	-5	65
	+325	-2	17	-6	65
	+350	0	22	-6	65
	+375	-2	18	-6	62
	+400	-2	20	-8	65
	+425	-2	18	-10	67
	+450	-2	18	-9	50
	+475	-4	13	-10	52
	+500	-1	16	-10	50
	+525	-3	7	-9	50
	+550	-2	3	-10	50
	+600	-3	3	-9	60
	+625	-2	0	-9	50
	+650	-2	0	-7	55

Wolf lake set at 150M.

Wolf lake running at 1400M.

GRAN CON TRM SETTING -008

BW #7	STN	NHLL SETTING	NHLL Filt	F.G.
+675	-2	0	-7	50-48
+700	-1	0	-9	50
+725	-3	0	-10	50
+750	-3	0	-11	48
+775	-3	0	-8	52
800	-2	0	-7	50
825	-1	0	-7	52
(1.5) + 850	-2	0	-8	50
875	-2	0	-9	52
900	-2	0	-10	50
925	-2	0	-10	49
950	-3	0	-10	49
975	-3	0	-9	48
1000	-2	0	-7	48
+ 1025	-2	0	-6	46
1050	-2	0	-5	46
1075	-1	2	-4	45
1100	-1	0	-4	45
1125	-1	3	-5	43
1150	-1	3	-6	43
1175	-1	0	-7	38
1200	-2	0	-8	40
1225	-2	2	-8	36
1250	-2	0	-8	35
1275	-2	0	-8	35
1300	-2	0	-7	40

July 1918 G-8 NULL

1946. Feb 22

F. 53.

Duncan Gray	1305	-2	2	-6	45
Main	1350	-1	2	-5	38
GAIN CONT.	1375	-1	2	-5	35
SET (005)	1400	-1	2	-7	30
	1425	-2	2	-7	36
	1450	-3	2	-8	36
	1475	-1	2	-9	36
	1500	-2	2	-9	36
	1525	-3	2	-8	36
	1550	-3	2	-8	36
	1575	-1	2	-7	36
	1600	-2	2	-8	36
	1625	-2	2	-9	36
	1650	-2	2	-9	40
	1675	-2	2	-10	42
	1700	-3	2	-10	40
	1725	-2	10	-10	55
	1750	-3	8	-10	58
	1775	-2	12	-10	58
	1800	3	8	-10	58
	1825	-3	15	-9	58
	1850	-2	12	-5	58
	1875	-1	12		60
	1900	-2	12		50
FIN.					

三

Tues. 28 July 1948 & clouds.  
 Soil sampling across  
 50 m. on south side of  
 log road starting from  
 East line toward west to  
 Wattaway creek bridge + 500 m.  
 to extreme west line.

2700 + 75 m west sample taken  
 from elevation below "B"

Point control	Setting (980)	Full setting	Fillet	Foot
station				
2100 West	-1	5		45.
2075	-2	0	-4	40.
2050	-1	0	-5	30
2000	-1	5	-3	35
1975	-1	5	-3	35
1950	-0	5	-6	35
1925	-1	5	-7	35
1900	-9	5	-7	30
1875	-2	5	-7	30
1800	0	0	-3	30
1775	-1	5	-3	30
1750	0	0	-4	30
1700	-2	5	-5	30

	Null setting	Null	Filter	P.S.
1675	5	-1	-2	30
1450	5	-2	-8	30
1625	5	-2	-9	30
1600	5	-3	-8	25
1575	5	-2	-7	30
1550	5	-1	-5	30
1525	5	-1	-3	30
1400 (1500)	3	-1	-2	30
1375 (1475)	3	+0	-2	30 *
1350 (1450)	5	0	-3	30
1325 (1425)	5	-1	-5	25
1400	0	-2	-6	25
1375	7	-2	-4	25
1350	5	1	-3	40
1325	5	+1	-4	35
1300	5	-2	-2	25
1275	5	0	-2	30
1250	3	-1	-5	30
1225	3	-2	-4	30
1200	3	-1	-4	30
1175	3	0	-4	30
1150	3	-1	-1	40
1100	3	+1	-1	30
1075	3	+1	+1	30
1050	3	-1	0	30

	full setting	201	F.S.	
1025	5	+1	0	20 cross -over
1000	5	0	0	25
975	5	0	-3	30
950	10	-1	-5	35
925	10	-2	-6	20
900	5	-2	-7	30
875	10	-1	-6	30
850	10	-2	-7	30
825	10	-1	-7	20
800	15	-3	-6	25
775	10	-1	-6	30
750	15	-1	-3	25
725	15	-1	-3	30
700	10	0	-3	30
675	20	-1	-3	25
650	20	-1	-4	30
625	20	-1	-5	30
600	20	-1	-5	30
575	20	-2	-4	30
550	15	-1	-5	30
525	10	-0	-4	25
500	15	-2	-5	25
475	10	-1	-7	25
450	5	-2	-7	25
425	7	-2	-7	30
400	7	-2	-6	30

July 31	Soil sample
every 50 metres along	main
mean main	arsenopyrite found
in black shales at	800 M white steaming
hole for 3" horizon.	
Aug 2/87	
idled #10 - 3Wes found.	
samples every 50 metres.	
smooth biotite granite	granite
at 1150 M	sample taken
5 m - W outcrop.	

Oct 11 / Summary  
west of topo mapping trail  
Brg.  $310^\circ$  + line to intersect  
showing:

deep 5 m. creek bushy dry  
Brg.  $40^\circ$  NE. at 80m.  
steep at 150m.  
small冲 bed 186m  
222m. to washout trail to showing.

$200^\circ$  South at showing  
into timber at  $290^\circ$   
cut off at 300 m. south  
at angle to line at 300m.  
east heading  $[110^\circ]$   
slope  $\angle 10^\circ$  - South on baseline  
slope  $\angle 10^\circ$  - east on one east.  
set again to 0 at  $00 + 100$  E - 1E  
1E. cut off 430 m. E  
 $20^\circ N$  to

$20^\circ N$  to  $2E$  - 100 m. - (122 actual)  
bearing  $290^\circ$  to Baseline  
01C in col. Strike  $240^\circ$  W  
 $2E$  at 385 m. at Baseline

North Baseline cut off  
at 100 m. North from showing  
bearing  $020^\circ$  N.

Oct 12 Crossed line  
at  $241^\circ$  W ~~East~~ - east of  
 $4E$  &  $2W$  I.P.  
 $00 + 20^\circ$  N to find meadow 100m.  
43 m at 400 m. B.R.G.  $290^\circ$  (2E)  
 $\angle 110^\circ$  Big cut off at 104 intersect  
S.B.R.G.  $20^\circ$  N - } Boundary  
(400m - East 3 ) } line.

Baseline start at  $00 + 100$  m N  
 $20^\circ$  E ribbon every 25 m.  
cutoff at 1043 cliffs too high  
10m + to ascend.

At waterfall creek L.R.  
out at 100 m station not marked.  
meadow to creek road washout  
200 m. to creek



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex 1046-8393

November 17, 1987

CERTIFICATE OF ANALYSIS ETK 87-632

CLIENT: Mr. Harvey W. Brown  
3351 Crescent Street  
CUMBERLAND, B.C.  
V0R 1S0

SAMPLE IDENTIFICATION: 64 soil samples received November 2, 1987

ET#	Description	A%
(ppm)		
632 - 1	ML 00+ 00	18
632 - 2	ML 00+ 50	15
632 - 3	ML 00+ 100	9
632 - 4	ML 00+ 150	8
632 - 5	ML 00+ 200	11
632 - 6	ML 00+ 250	12
632 - 7	ML 00+ 300	10
632 - 8	ML 00+ 350	8
632 - 9	ML 00+ 400	7
632 - 10	ML 00+ 450	6
632 - 11	ML 00+ 500	11
632 - 12	ML 00+ 550	4
632 - 13	ML 00+ 600	7
632 - 14	ML 00+ 650	6
632 - 15	ML 00+ 700	10
632 - 16	ML 00+ 750	8
632 - 17	ML 00+ 800	14
632 - 18	ML 00+ 850	11
632 - 19	ML 00+ 900	10
632 - 20	ML 00+ 1000	12

Page 1 of 3

Mr. Harvey W. Brown

November 17, 1987

As  
(ppm)

<u>ET#</u>	<u>Description</u>	
632 - 21	ML 00+ 1050	18
632 - 22	ML 00+ 1100	11
632 - 23	ML 00+ 1150	8
632 - 24	ML 00+ 1200	11
632 - 25	ML 00+ 1250	7
632 - 26	ML 00+ 1300	7
632 - 27	ML 00+ 1350	10
632 - 28	00+ 00	2
632 - 29	00+ 50	1
632 - 30	00+ 100	25
632 - 31	00+ 150	6
632 - 32	00+ 200	3
632 - 33	00+ 250	5
632 - 34	00+ 300	12
632 - 35	00+ 350	16
632 - 36	00+ 400	2
632 - 37	00+ 450	3
632 - 38	00+ 500	23
632 - 39	00+ 550	1
632 - 40	00+ 600	3
632 - 41	00+ 650	4
632 - 42	00+ 700	3
632 - 43	00+ 750	4
632 - 44	00+ 800	4
632 - 45	00+ 850	3
632 - 46	00+ 900	4
632 - 47	00+ 950	4
632 - 48	00+ 1000	3
632 - 49	00+ 1050	28
632 - 50	00+ 1100	4
632 - 51	00+ 1150	5
632 - 52	00+ 1200	6
632 - 53	00+ 1250	24
632 - 54	00+ 1300	6
632 - 55	00+ 1350	13

Mr. Harvey W. Brown

November 17, 1987

As

(ppm)

<u>ET#</u>	<u>Description</u>	
632 - 56	00+ 1400	14
632 - 57	00+ 1450	5
632 - 58	00+ 1500	3
632 - 59	00+ 1550	2
632 - 60	00+ 1600	2
632 - 61	00+ 1650	1
632 - 62	00+ 1700	2
632 - 63	00+ 1750	3
632 - 64	00+ 1800	2

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja P. Benischek  
B.C. Certified Assayer

SE/jmb

308/13/88

station null null set Filter F.S. note  
Line 9W

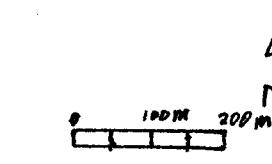
25	-4	-0	-16	40
100 + 900 N	-3	-1	-20	40
25	-4	-1	-23	40
50	-7	-1	-25	40
75	-7	-2	-23	40
100	-5	-2	-19	45
125	-4	-2	-14	42
150	-3	-1	-12	41
175	-2	-2	-10	40
200	-3	-3	-8	38
225	-2	-2	-8	38
250	-1	-3	-8	35
275	-2	-1	-10	35-
300	-3	-2	-15	30
325	-4	-1	-19	30
350	-6	-1	-22	28
375	-6	-2	-24	30
400	-6	-2	/	30

July 31 '87 Blk #4

- # 62656 sample well silicified  
62657 alteration at chequy  
silts zone  
esohelite zone  
renta for Volcanoes  
62661 outcrop silicified breccia  
35 ppb. Au.  
N 030-10N outcrop strike & dip.

July 5 - cloud & fog switched on from  
11:30 AM road to 1550 m West  
on way N. sample # 20 m west  
on road taken (arkose quartzite  
and alluvium line  
over bed rock = 1 above

line N 96 M. 240 m west.  
Collects line 170 m N of 45 + 35.  
E5 line 712 m to 90° E of telephone  
poles entrance of log grade t  
switchback of Plateau Road.



Scale 1:20,000

92F/II  
(92F-065)

20 METER CONTOUR

Feb 18-88

BW #4 MINING CLAIM  
FORBIDDEN PLATEAU  
AREA

H.W. Brown  
Harvey W. Brown

92F-064

