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ACTION:	
FILE NO: 87-891-16630	

9/88

PROSPECTING REPORT

on the

GOLDHILL L1916 CROWN GRANT
MOUNT KRUGER
OSOYOOS, B.C.
OSOYOOS MINING DIVISION
BRITISH COLUMBIA

FILMED

PROPERTY : GOLDHILL L1916 CROWN GRANTED
MINERAL CLAIM RECORD NO. 2501(9)
: Latitude - 49° ~~2.5'~~ North 00'35"
: Longitude - 119° ~~31'~~ West 30'53"
: NTS - 82E/4E

OWNER/OPERATOR : R.B. Stewart
#1604 - 650 16th Street
West Vancouver, B.C. V7V 3R9

WRITTEN BY : Raymond W.B. Stewart

DATED : November 24, 1987

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

SUB-RECORDER RECEIVED	
DEC 10 1987	
M.R. #	\$
VANCOUVER, B.C.	

16,630

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SUMMARY

The Goldhill reverted crown granted mineral/claim L1916, record no. 2501(9), registered to Raymond B. Stewart of West Vancouver, B.C. is located west of Osoyoos, B.C. in the Osoyoos Mining Division, coordinates $49^{\circ} 2.5'$ north latitude and $119^{\circ} 31'$ west longitude. Access is via 4 wheel drive road, 4 kms. west from the Golf Course at Osoyoos, B.C. The claim was located by reference to survey notes, NTS maps and field traverses to locate a surveyed corner post.

A prospecting traverse of the Goldhill claim included 5.5 kms. of grid with lines spaced at 50 metres and sample stations at 50 metre intervals. A magnetometer survey indicated generally low magnetic relief. Three areas associated with quartz veins and old trenching correlated with sub-anomalous magnetic values. A total of 46 rock and core samples were sent to the lab for 30 element ICP geochemical analysis. Correlations were not significant, As was sub-anomalous similar to Au, Ag and Cu. Statistical analysis within the sample group identified 2 Au, 4 Ag and 2 Cu anomalies. Petrographic analysis of one of the Au anomalies taken from an 8 metre shaft on the claim revealed native gold blebs not associated with pyrite present in the sample.

The results, taken individually, are not conclusive. However, given the presence of the shaft, trenching over the eastern sector of the claim and the sub anomalous magnetic and geochemical results, a closer examination is suggested. A 25 metre grid with a soil, magnetometer and VLF-EM survey coupled with closer examination of the shaft and trenches should provide sufficient data to identify any correlations and to determine definitive conclusions.

PROSPECTING REPORT
on the
GOLDHILL L1916 CROWN GRANT

INTRODUCTION

A prospecting reconnaissance for RAYMOND B. STEWART was carried out on the Goldhill L1916 Crown Granted Mineral Claim on May 20, June 30, August 15, 16, 19, 20 and September 7, 1987. Work included establishment of a grid, a magnetometer survey, rock sampling and diamond drilling of short prospecting cores.

PROPERTY

The property consists of the following crown granted mineral claim registered to Raymond B. Stewart.

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>MINING DIVISION</u>	<u>LAND DISTRICT</u>	<u>AREA (ha.)</u>	<u>RECORD DATE</u>
GOLDHILL L1916	2501	OSOYOOS	S.D.Y.D.	20.90	SEPTEMBER 15, 1987

LOCATION, ACCESS, TOPOGRAPHY

The Goldhill mineral claim is located on the southern slope of Mount Kruger, 3 kms. west of Osoyoos, B.C., in the Osoyoos Mining Division, M82E/4E, in south central B.C. adjacent to the Canada/U.S. boundary (MAP 1). Coordinates are 49° 2.5' north latitude and 119° 31' west longitude (MAP 2 AND 3).

Access is from the Golf Course at Osoyoos, B.C., west for 4 kms. on four wheel drive road to the Goldhill claim on the western boundary of the Dividend - Lakeview mine. A secondary route via Kilpoola Lake and Lone Pine Creek is available but covers 22 kms. The claim is served by an excellent 4 wheel drive road,

east/west, crossing it's southern sector. It is bisected north/south by a similar road.

Topography is steep cliffs and flat benches. Open, dessert country with sagebrush predominates. A few large pines are scattered throughout the property. A dry lake bed occupies a small section at the centre of the claim. A shallow lake covering approximately 9 ha. is located 60 metres south of the claim. Outcrops are numerous with a north/south ridge at the northwest sector and a northeast/southwest ridge located east of centre in the northeast sector. Elevations range from 2675' in the northeast/southeast corners to 3000' at the northwest corner.

HISTORY

There is no record of production nor substantial reports on exploration. However, an 8 metre shaft is located at the centre of the Goldhill Crown Grant. In addition, 5 trenches are present on the southern and eastern boundaries.

To the immediate east of the claim is the Dividend-Lakeview Mine with a reported production of 19,335 oz. Au from 100,373 tons. Other adits and shafts are found to the north of the claim and to the southwest on the U.S. side of the border.

CURRENT EXPLORATIONS

FIELD LOCATION: GOLDHILL L1916 (See APPENDIX I, MAP NO. 4 AND FIELD NOTES APPENDIX 11)

To establish the field location of the Goldhill L1916 reference was made to NTS 82E/4E and the notes of C. DB. Green, surveyor dated August 30, 1900 (APPENDIX I). A projected southwest corner was established and lines run to determine a ground location as noted on Map No. 4 and in the Field Notes, Appendix II. A projected western boundary located the northwest surveyed

corner post and the boundaries were positioned according to the surveyor's notes.

GRID

An east/west baseline on the southern boundary of the claim was established. North/south lines were located at 50 metre intervals with line 0+00E at 25 metres west of and parallel to the west boundary of the Goldhill claim to line 4+50E at 25 metres west of the east boundary (SEE MAP NO. 5). Stations were flagged at 50 metre intervals. A total of 5.5 kms. of gridline was run.

MAGNETOMETER SURVEY

A magnetometer survey was conducted with a Scintrex MP-2 proton precession magnetometer that measures the magnitude of the total magnetic field to an accuracy of 1 gamma. Readings were taken at 1 metre and 2 metre elevations above surface on the grid. Line segments were tied into previously recorded baseline readings and corrected for diurnal variation (APPENDIX 111). Drift variations ranged from -15 to +94 gammas with shift variations from -13 to +29.

The corrected readings (APPENDIX III) were profiled on a scale of 1:1500 (APPENDIX IV). The profiles indicate a general area of low magnetic relief centered on 57,300 gammas, 300 gammas above the base of 57,000 gammas. The range over the grid of 5119 gammas is misleading as it includes a 2 station low at Line 4+00E, 337N and 345N. Elimination of this anomaly indicates the following areas of interest and their correlations (SEE MAP 5).

LINE 0+50E, 400N TO 500N - magnetic high to 58,302 gammas corresponds to quartz veins and old trenching

- LINE 3+00E, 350N - magnetic high to 57,591 gammas correlates to observed quartz vein
- LINE 4+50E, 335N - magnetic high to 57,771 gammas corresponds to old trenching

Correlation to geochemical anomalies is not evident. Further, there is no other surface indication to suggest a source of these minimal anomalies.

As noted at line 4+00E, 337N/345N and in several other locations, a closer line and station spacing might identify additional anomalies and provide greater detail to aid in mapping. Finally, a VLF-EM survey could be of great assistance in identifying potential conductors to enhance the geophysical profile of the property.

GEOCHEMICAL ICP ANALYSIS (APPENDIX V AND MAP NO. 5)

Chip samples were taken from all outcrops. Two short prospecting drill cores were taken with a JKS 10 Sample Drill, S/N 83375. A total of 46 rock and core samples were placed in plastic rock bags, marked and forwarded to Acme Analytical Laboratories for geochemical analysis (APPENDIX V). The chip samples were pulverized, cores were split and pulverized with the saved half stored at Acme. All samples were sieved to -80 mesh and analyzed for 30 elements by induced coupled plasma spectrometry (ICP). A .5 gram split was digested with 3ML 3-1-2 HCL-HN03-H20 at 95°C for one hour and diluted to 10ML with water. Au ppb is by atomic absorption from a 10 gram sample.

Correlations within the 30 elements are not significant. As has a low correlative value. Au, Ag and Cu are plotted on Map 5 and statistical values are presented below:

	Au (ppb)	Ag (ppm)	Cu (ppm)
MEAN	5	.3	152
MEDIAN	2	.2	40
Standard deviation	7	.3	307
Range	34	1.4	1853
X + 2 Std. dev.	19	.9	766

Au ANOMALIES (>19 ppb)

1. Goldhill Adit (35 ppb), Shaft (26 ppb) Taken from the face at the bottom of the Goldhill shaft located at the centre of the claim. Petrographic analysis of the Shaft sample.
2. L3+50E 275N (18 ppb) Northeast of shaft and adjacent to quartz vein.

Ag ANOMALIES (> .9 ppm)

1. Goldhill Adit (1.1 ppm) Taken from the face at the bottom of the shaft.
2. DDH 2, 0'-1' (1.5 ppm) At 1+50E, 457N+25E. Not significant as DDH2, 1'-2' nor DDH1 were anomalous.
3. L4+50E 260N (1.1 ppm) Taken from old trench, possibly overlays quartz vein, outcropping 35 metres to the south. South of magnetic anomaly at L4+50E, 335N.
4. 0+00E 285N (.8 ppm) Southwest of quartz vein and magnetic anomaly at L0+50E, 400N.

Cu ANOMALIES (> 766 ppm)

1. DDH 2, 0'-1' (1861 ppm) At 1+50E, 457N+25E. Not significant as DDH2, 1'-2' nor DDH1 were anomalous.
2. L1+50E 450N Correlates with DDH2, 0'-1'

Only two correlations of anomalous values are evident. These are the Goldhill Adit for Au and Ag and DDH2, 0'-1' for Ag and Cu. Soil geochemistry on a closer grid spacing might identify anomalous areas and provide a basis for contouring to deter-

mine any correlation among elements and with a geophysical survey.

PETROGRAPHIC ANALYSIS (APPENDIX VI)

One rock sample marked Goldhill L1916 - Shaft was taken from the face at the bottom of the shaft, placed in a plastic rock bag and forwarded to Vancouver Petrographics Ltd. for analysis. Subsequently, a returned section was sent to Acme Analytical Geochemical ICP Analysis (Appendix V).

The petrographic analysis (Appendix VI) indicates the sample is "dominantly quartz and lesser carbonate (siderite)". Pyrite is the only sulphide phase observed. Native gold blebs present in the sample are not associated with the pyrite.

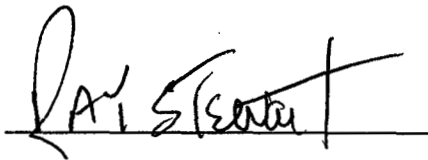
CONCLUSIONS

A shaft and trenching are indicative of an area within the Goldhill Crown Granted Mineral Claim of potential interest. The magnetometer survey identified a general area of low magnetic relief with three unrelated magnetic highs correlating only to quartz veins and old trenching. Closer line and station spacing might identify additional anomalies with a VLF-EM survey indicating potential conductors. Geochemistry failed to identify high precious metal anomalies. Correlations are to quartz veins primarily and the Goldhill Shaft particularly. Closer line and station spacing to facilitate a soil geochemical program could identify anomalous horizons, aid in contouring and identify any correlation with a coincident geophysical survey. Finally, a petrographic analysis of a sample from the shaft indicated native gold blebs not associated with pyrite.

While not conclusive individually, taken together the results of the prospecting program suggest a closer examination is

feasible. A 25 metre grid with soil, magnetometer and VLF-EM surveys completed would provide sufficient data for definitive conclusions. Additionally, further examination of the shaft and trenches is suggested.

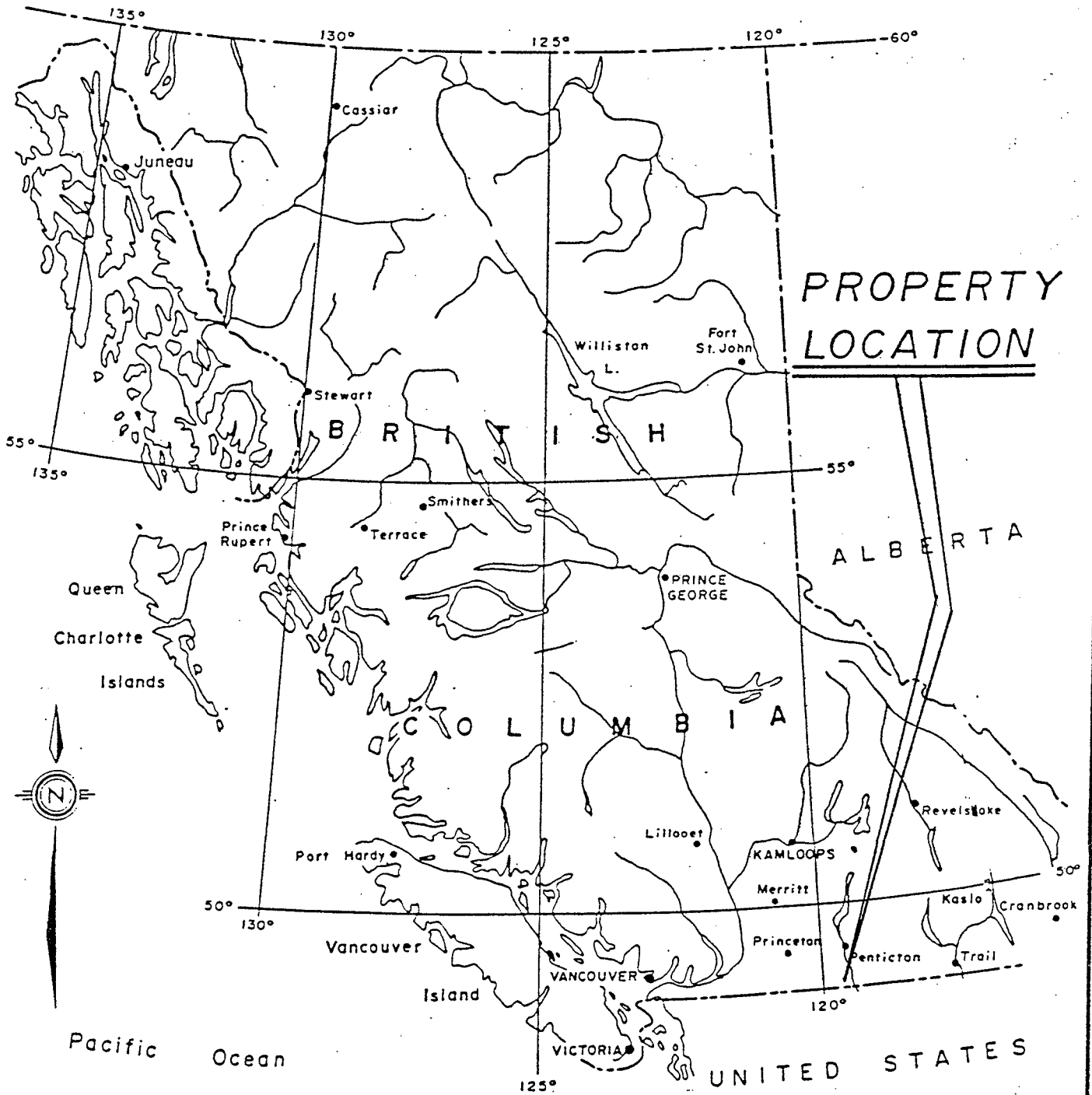
Respectfully submitted

A handwritten signature in cursive script, reading "R. W. Stewart", is written over a horizontal line.

R. W. Stewart

BIBLIOGRAPHY

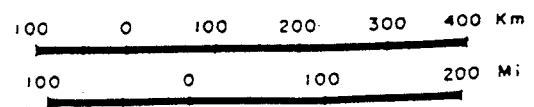
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the Loomis Quadrangle, Okanogan County, Washington.
Washington State Department of Natural Resources, Bulletin
64.

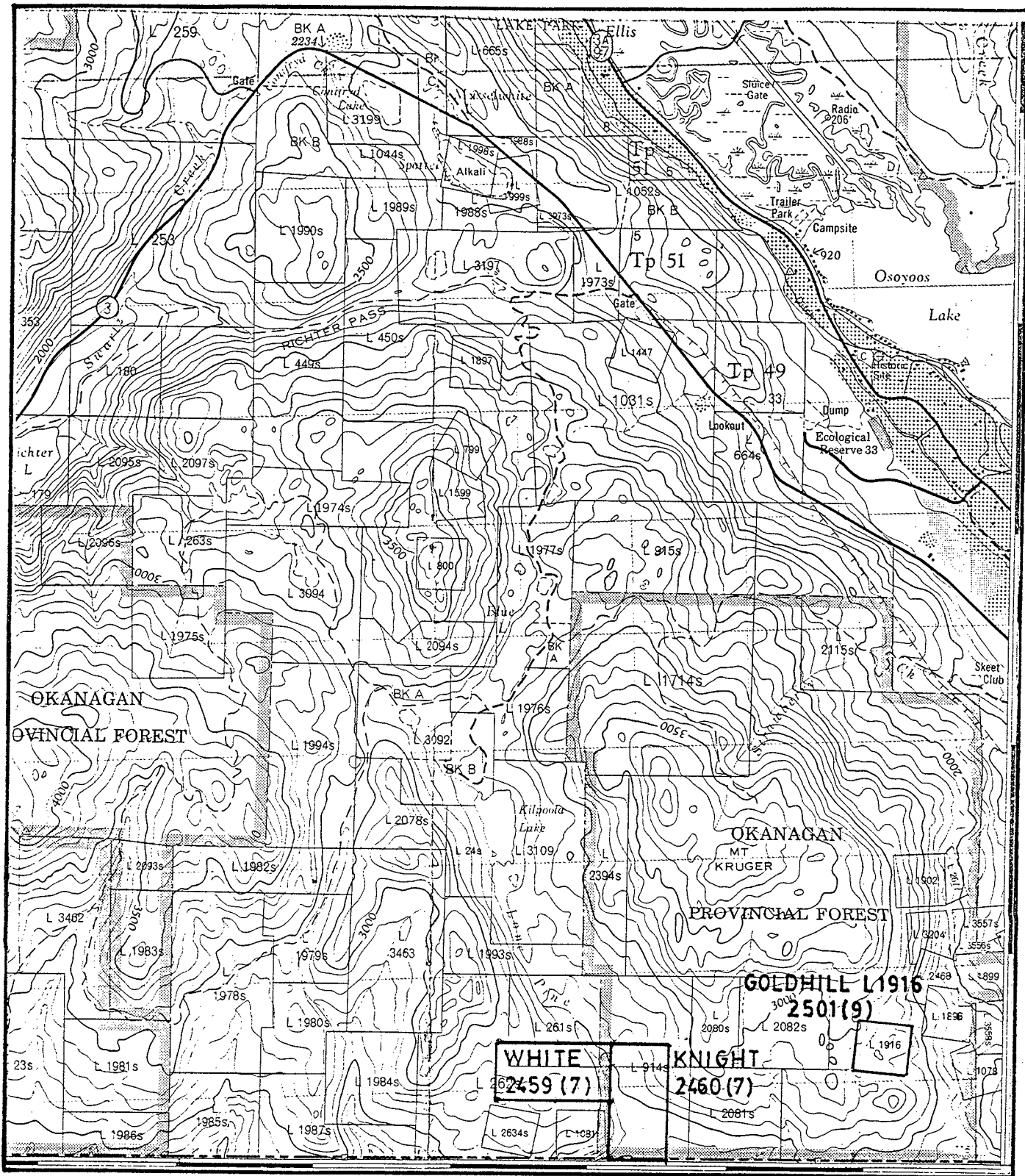


**PROPERTY
LOCATION**

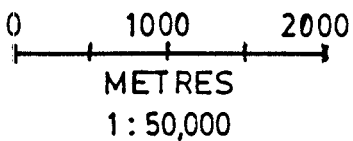


LOCATION MAP
GOLDHILL CLAIM
MAP NO.1
NOVEMBER 1987



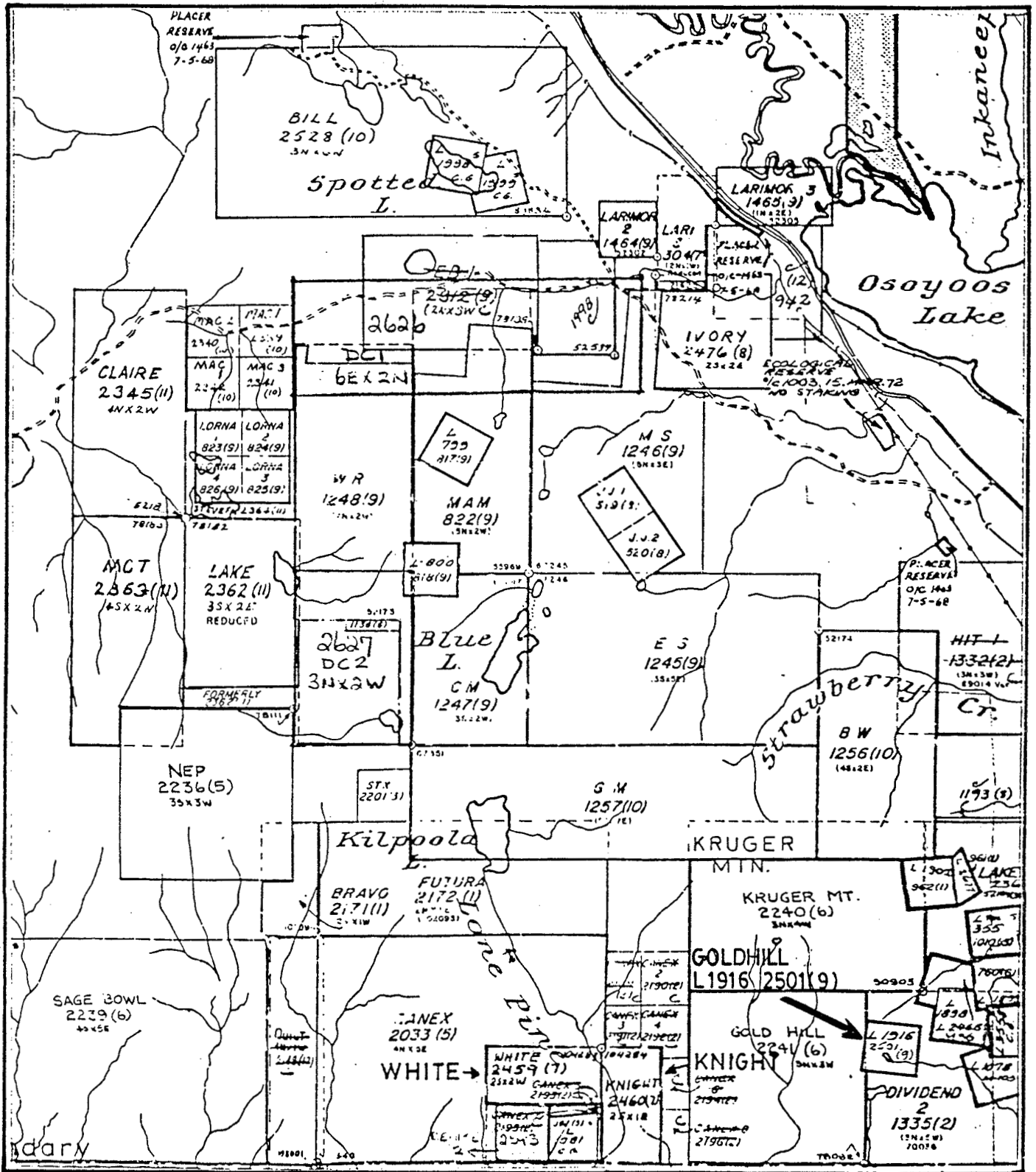


MAP NO. 2



LOCATION/CLAIM MAP NTS: 82E/4
 GOLDHILL L1916 2501(9) OSOYOOS, B.C.
 TO ACCOMPANY REPORT BY R.W. STEWART





MAP NO. 3

0 500 1,000 2,000
 METRES
 1:50,000

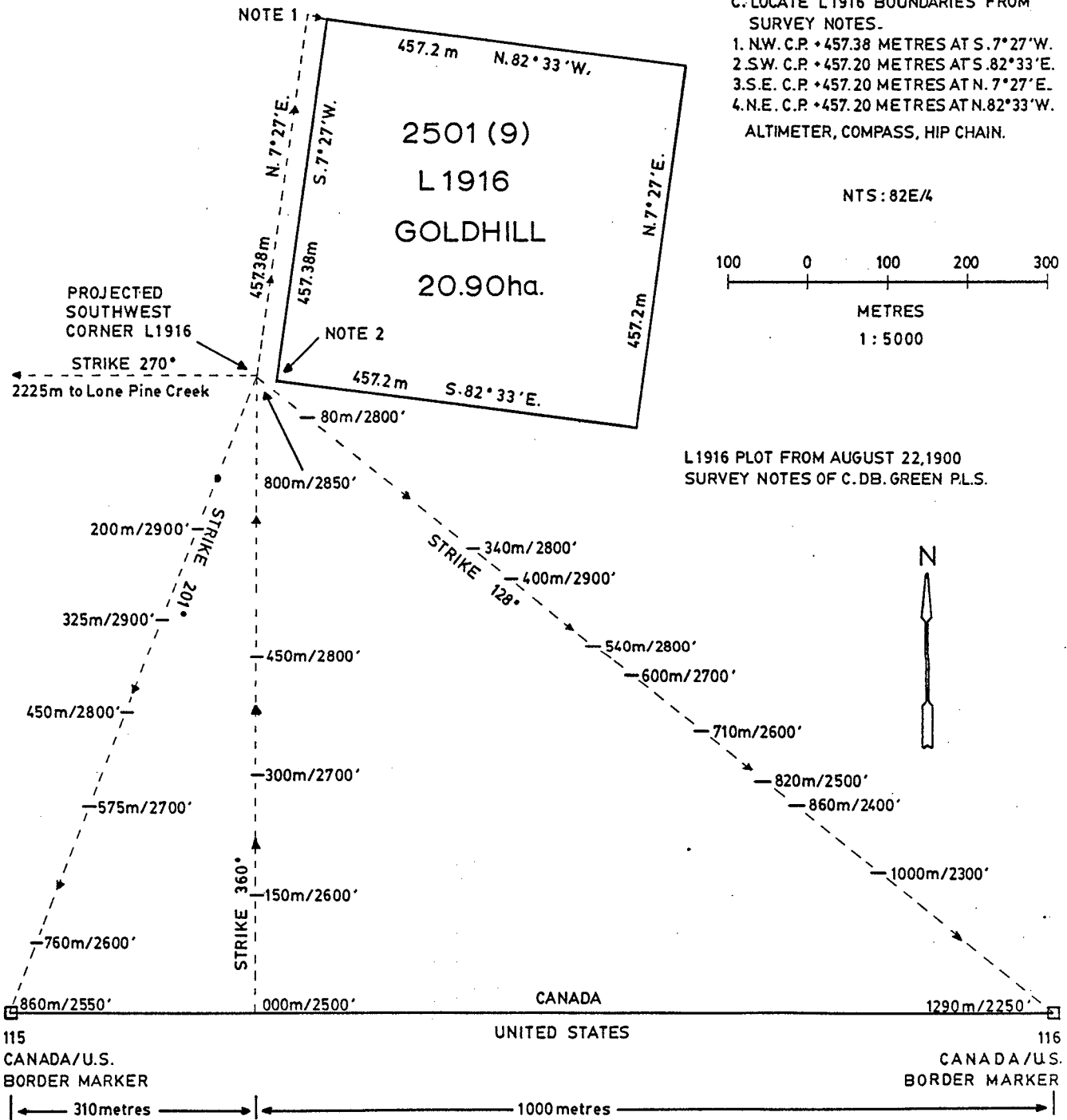
LOCATION/CLAIM MAP NTS: 82E/4
 GOLDHILL L1916 2501(9) OSOYOOS, B.C.
 TO ACCOMPANY REPORT BY R.W. STEWART



FIELD LOCATION L1916 GOLDHILL 2501 (9)

- NOTE 1: BURNED NORTHWEST CORNER POST SET IN ROCK CAIRN AT 104°, 26 METRES EAST.
- NOTE 2: SOUTHWEST CORNER AT 110°, 24 METRES EAST OF PROJECTED CORNER.

- FIELD PROCEDURE :
- A. ESTABLISH PROJECTED SOUTHWEST CORNER L1916.
1. PLOT DISTANCES FROM NTS 82E/4.
 2. RUN B.M.115+310E+800N
 3. RUN 800N+860SW TO B.M. 115
 4. RUN 800N+1290SE TO B.M. 116
 5. RUN 800N+2225W TO LONE PINE CREEK.
- B. LOCATE SURVEYED CORNER POST.
1. RUN 457.38 METRES AT N.7° 27' E
 2. POST AT 26 METRES, 104°.
- C. LOCATE L1916 BOUNDARIES FROM SURVEY NOTES.
1. N.W. C.P. +457.38 METRES AT S.7° 27' W.
 2. S.W. C.P. +457.20 METRES AT S.82° 33' E.
 3. S.E. C.P. +457.20 METRES AT N.7° 27' E.
 4. N.E. C.P. +457.20 METRES AT N.82° 33' W.
- ALTIMETER, COMPASS, HIP CHAIN.



L1916 PLOT FROM AUGUST 22, 1900
SURVEY NOTES OF C.D.B. GREEN P.L.S.

TO ACCOMPANY REPORT BY R.W. STEWART

PLEASE SEE SIDE POCKET
FOR
MAP. NO 5 - GEOCHEMISTRY

APPENDIX I: CROWN GRANT SURVEY NOTES

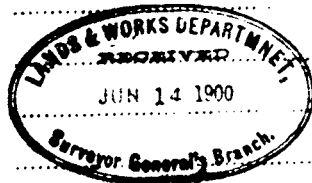
P H 27

Department No. *497*
1900

District *OSOYOC3*

Description *Min. Claim* For whom Surveyed
L. 1918 *Gold Hill*

217.10.



Surveyed by *K. B. Green* P.L.S.

April 1900
Plotted *29th June 1900.*

By whom *J. A. Pope*

Survey Gazetted *30 AUGUST 1900*

GENERAL INSTRUCTIONS.

1. Write nothing on the outside cover of the book.
2. State for whom survey is made.
3. If the land be held by purchase give date of application.
4. If the land be held by pre-emption give number of date of record.
5. Classify all lands held by purchase (or pre-emption) as required by the Land Act.
 - (a) The classification should be in the form of a table.
 - (b) The whole acre must be accounted for.
6. In surveys of mineral claims, give copy of record, copy and date of location, notice and for whom surveyed.
7. Show situation of land surveyed by diagram on tracing lines (blue prints will not be accepted), and where no surveys exist the approximate position.
8. You are particularly requested to follow the instructions given in the "Land Act," which provides for the method of survey and the manner of keeping field notes.
9. Use plenty of paper. Do not cramp your notes. Do not write notes for more than 20 chains on one page, and always repeat the last station on the following page.
10. Page the Field Book, and on the diagram insert the number of the page where the notes referring to each line surveyed may be found.
11. Append a traverse table and balance it.
12. In traverses, number the stations and show the bearings and distances on the diagram or plan in red.
13. When the Field Book contains notes of surveys for more than one claim, an index is to be furnished of the pages where the notes relating to each claim may be found.
14. Mark on the plan the average of every claim surveyed, and the name of the owner thereof.
15. Sew the leaves of the field book into the cover and trim off the edges of the paper.
16. Bind your work in such a clear shape that the Draughtsman can check and plot the survey with the least loss of time.
17. The Field Notes of each claim must be complete in themselves.
18. Measurements of mineral claims to be in feet and tenths.
19. Measurements of pre-emption and purchase claims to be in chains and links.

1914

This paper writing marked "A" is the exhibit referred to in the annexed affidavit of

sworn to before me

this day of 190

FIELD NOTES

(A) survey of Lot 176

being

Gold Hill

Mineral Claim

Situate in Kuper Mt

Camp

Chapman

Mining Division

Yukon

Division

Province of British Columbia

Surveyed by Chapman

For Store

All measurements in feet

all surveying

into correct

1914

British Columbia Mineral Act.

Record of Mineral Claim

Gold Hill Mineral Claim
 No. of Certificate. _____
 Located by E. H. Downing

The claim is situated on the Fraser Mountains

at Reynolds Mining Division.

The location of No. 2 post is South
 710 feet of this claim to
 the right of post, and 750 feet to the left of the location line.
 From No. 1 to No. 2 post.

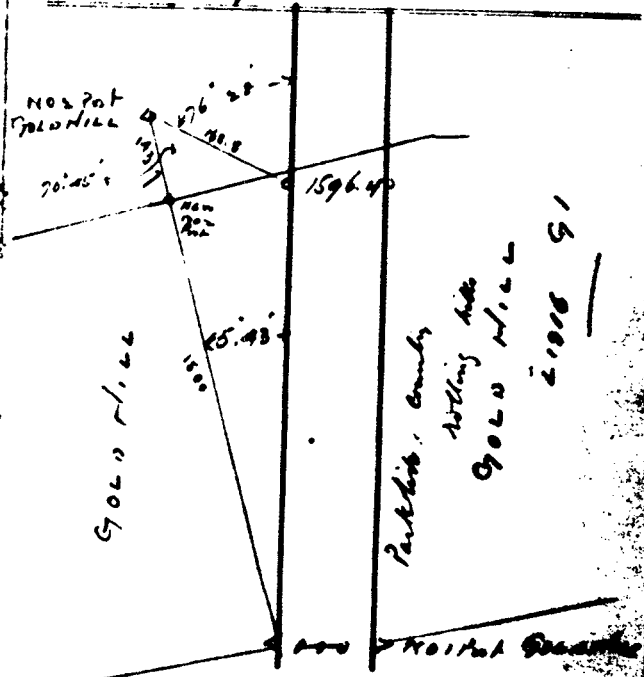
The direction of the location line is North & South

The length of the claim is 1570 feet

The claim was located on the 25th day of May 1881
 and filed this 6th day of June 1881
E. H. Downing
 Miner

Mining Division.

Gold Hill Mineral Claim
 Loc. No. 1916 4-1 Yale District
No. 1000 Low Boundary
 Bearing S 7° 27' W



The above line was run the 23rd day of April 1881
Paul Green

Gold Hill

Mineral Claim

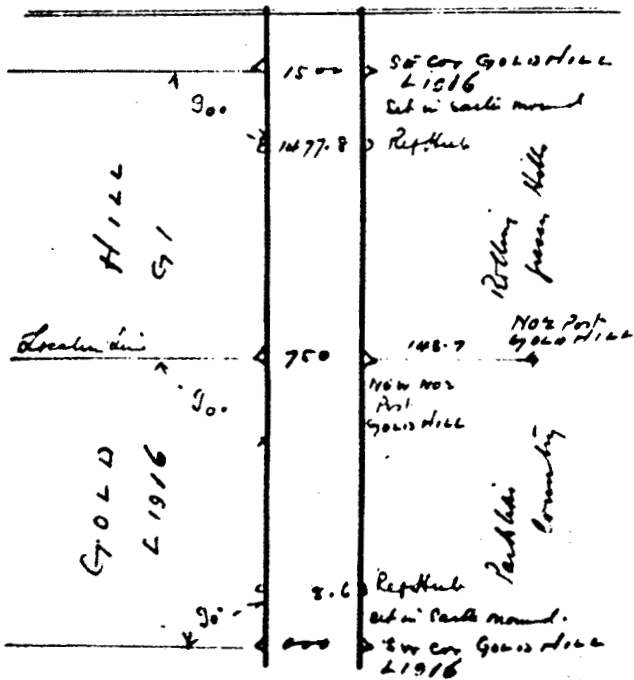
Lot No. 1916 G. 1. Lake

District

South

Boundary

Bearing S 82° 33' E



The above line was run the 22nd day of April 1900

Carlson

GOLD HILL

Mineral Claim

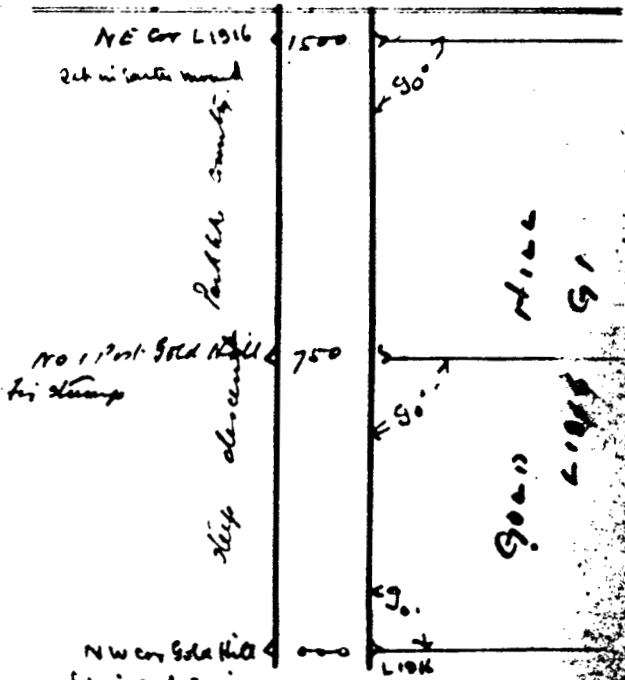
Lot No. 1916 G. 1. Lake

District

North

Boundary

Bearing S 82° 33' E



The above line was run the 22nd day of April 1900

Carlson

Gold Hill

Mineral Claim

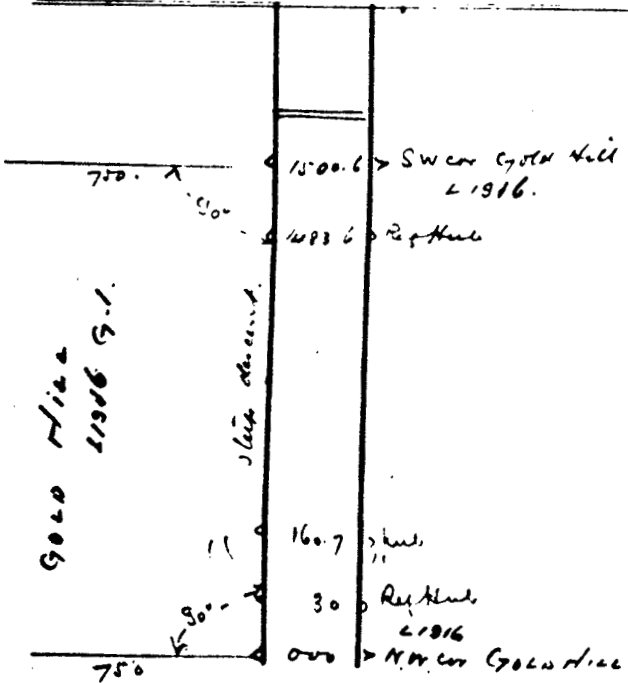
Lot No. 1916 G. I. Lake

District

West

Boundary

Bearing S. 7° 27' W



The above line was run the 22nd day of April 1900
Carpenter

Gold Hill

Mineral Claim

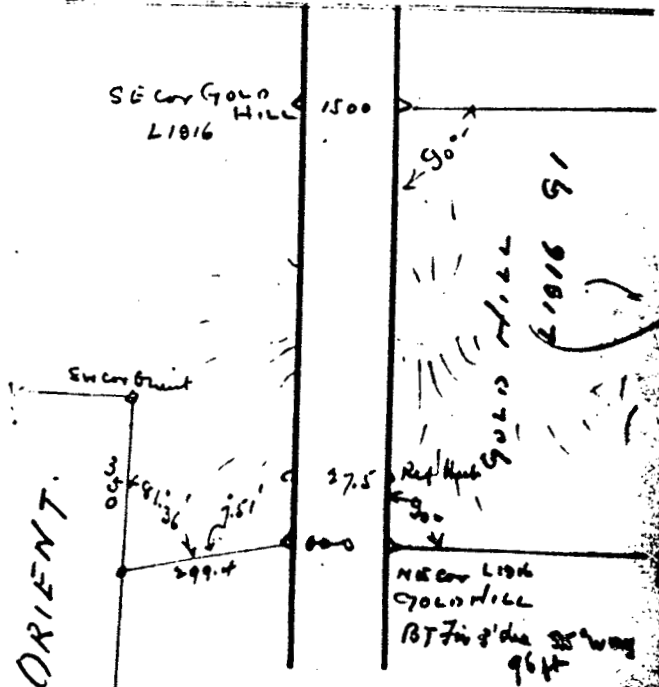
Lot No. 1916 G. I. Lake

District

East

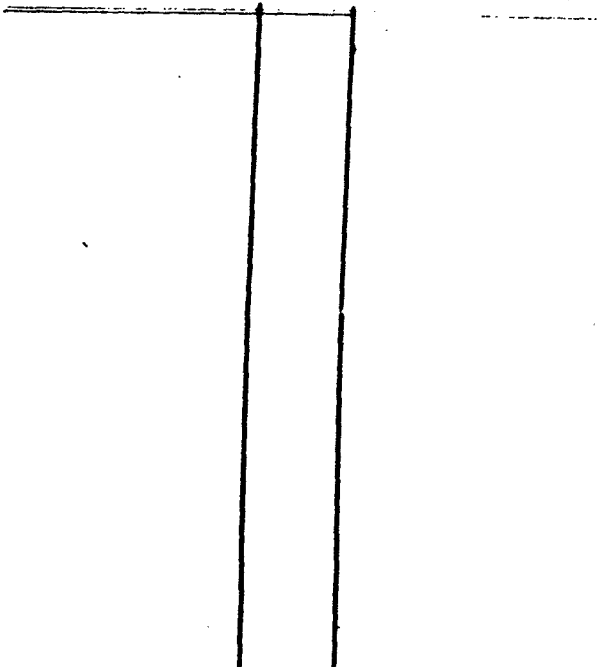
Boundary

Bearing S. 7° 27' W



The above line was run the 22nd day of Apr 1900
Carpenter

..... Mineral Claim
Lot No..... District
..... Boundary
Bearing.....



The above line was run the _____ day of _____ 1900

Survey of Provincial Lands.

AFFIDAVIT.

I, Carbreen of Oregon
a duly authorized Provincial Land Surveyor for the
Province of British Columbia make oath and say as
follows:—

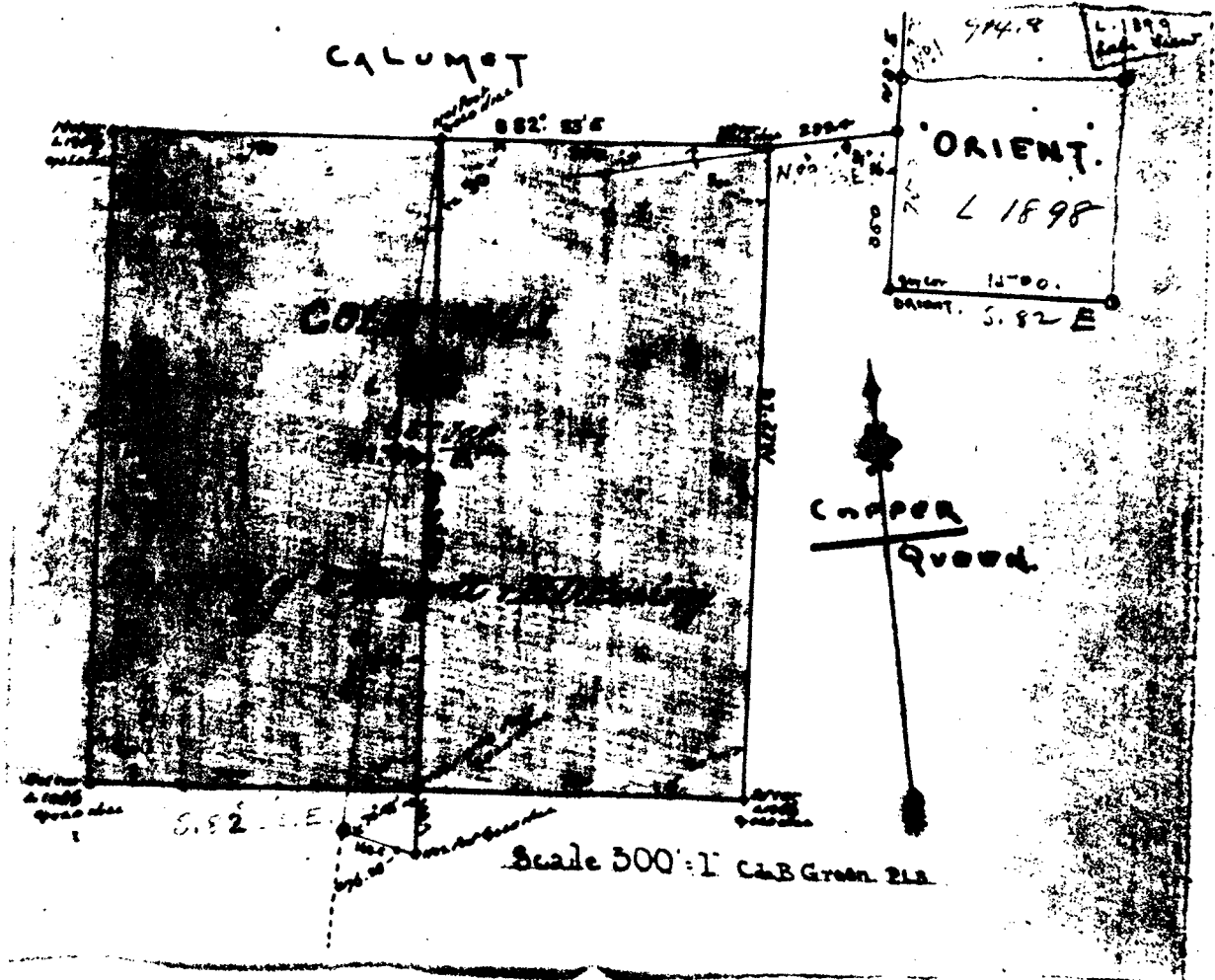
(1) I have surveyed The Gold Hill
Mineral claim L 1916

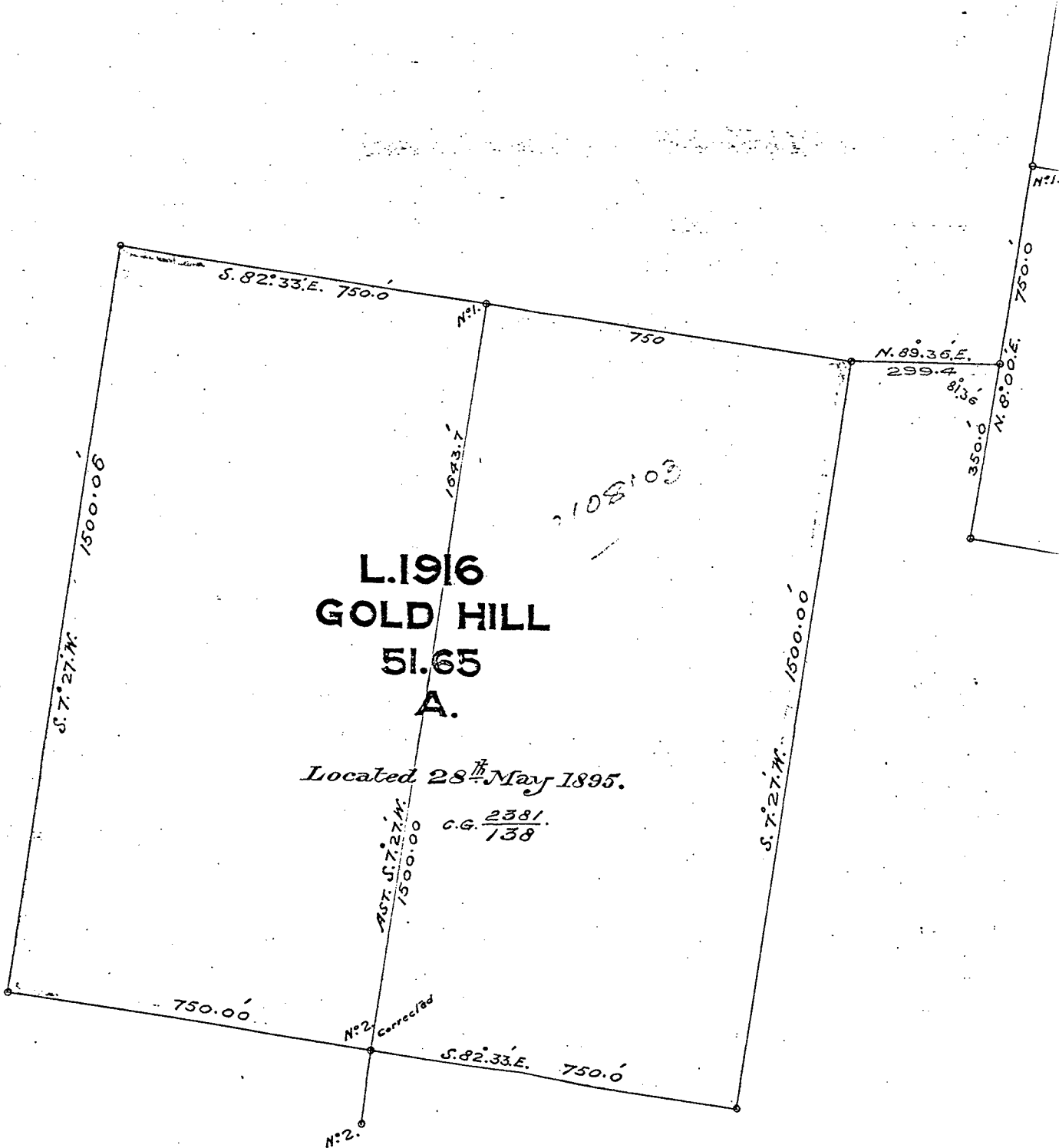
(2) I ~~commenced~~^{began} the said survey on the 20th
day of April 1900, and com-
pleted it on the 22nd day of April
1900

(3) I personally ran all the lines of the said survey on
the dates set out in the annexed field-book marked "A."

(4) The notes contained in the field-book are a correct
representation of the work done on the ground by me.

Sworn before me
at Fairview B.C. Carbreen
This 27th April 1900 P.L.S.
John J. [Signature]
Notary Public





al plan
D Y D

APPENDIX II: FIELD NOTES AND AUTHOR'S QUALIFICATIONS

FIELD NOTES (See MAP No. 4 and MAP No. 5)

May 20, 1987

- 9:40 a.m.. Altimeter at 900', leave Osoyoos to locate corner posts of L1916, compass, hip chain.
20 Km. from Osoyoos via Kilpoola Lake, U.S. side on road, 2500' at 340° to Border Marker 115, 240 metres.

0	2550'	B.M. 115, 12.7 metres south of fence, picture 24.
100E	2525'	pink flagged 100 m. intervals, strike 90°.
200E	2525'	
310E	2500'	360°, pink flagged at 100 m. intervals.
310E+100N	2575'	
150N	2600'	orange flag reading 200N 26+50W at 187N
200N	2650'	compass swing, 2 compass check.
300N	2700'	
400N	2800'	
450N	2800'	2 flags - 500N, 2650W and L500N 2650W.
500N	2800'	
600N	2800'	flag 600N 2650W at 630N.
660N	2875'	50M west of northern edge of lake.
700N	2875'	orange flag, no reading.
739N	2850'	at fence, flag at 780N reads 775N, 2050W.
800N	2850'	road at 790N, orange flag at 860N reads 2675W. Established rock cairn with flagging, projected SW corner L1916 at 800N. Picture 28.

Triangulation: 201° to B.M. 115 and 128° to B.M. 116
To B.M. 115 at 201° from projected S.W. corner L1916, hip chain
O:

200SW	2900'	
325SW	2900'	
450SW	2800'	
575SW	2700'	
760SW	2600'	
860SW	2550'	at B.M. 115

Return to projected S.W. corner L1916.

To B.M. 116 at 128° from projected S.W. corner L1916, hip chain
O:

80SE	2800'	
190SE	2750'	at edge of lake.
340SE	2900'	
540SE	2800'	
600SE	2700'	
710SE	2600'	
820SE	2500'	
860SE	2400'	
1000SE	2300'	
1290SE	2250'	at B.M. 116.

Check line walked in to Lone Pine Creek on return to Osoyoos. Distance check 2225 metres.

June 30, 1987 - General traverse NE of projected SW L1916, tag 800N 26+75W - 30 metres east of projected corner.

August 15, 1987 - 9:00 a.m., leave Osoyoos to run in L1916 boundary lines. Compass, hip chain. Boundaries flagged.

From projected S.W. corner L1916, run N 7° 27'E (surveyor's notes indicate west boundary run in at S 7° 27'W) for 1500.6 feet or 457.38 metres. At 457.4 metres, old burnt N.W. corner post found set in rock cairn at 104°, 26 metres east. West boundary rerun at S 7° 27'W. Southwest boundary at 110°, 24 metres east of projected southwest corner. No post or earth mound located as indicated in surveyor's notes. South boundary run at S 82°, 33' E for 1500 feet or 457.20 metres. No post or earth mound located as indicated in surveyor's notes.

East boundary run at N 7° 27'E for 1500 feet or 457.20 metres. Post not located.

North boundary run at N 82° 33'W for 1500 feet or 457.20 metres to 5 metres at 360° from burnt post in cairn.

Baseline established on south boundary. Strike N 82° 33'W. Southeast corner of L1916+25 metres east set at BL 5+00E with 50 metre intervals flagged 4+50E, 4+00E, etc. to 0+00E at 18 metres west of the southwest corner of L1916.

August 16, 1987 - 7:30 a.m., leave Osoyoos to do magnetometer survey, take rock samples of all outcrops. Compass, magnetometer, rock hammers, bags.

BASELINE		2 METRE	1 METRE	NOTES
5+00E	8:58	57376	57319	
4+50E	8:59	57394	57317	
4+00E	9:01	57391	57334	
3+50E	9:03	57398	57340	
3+00E	9:05	57378	57328	Fence at 2+75E
2+50E	9:08	57405	57342	
2+00E	9:11	57397	57326	
1 50E	9:12	57401	57326	
1+00E	9:14	57387	57337	at turn in road
0+50E	9:16	57379	57358	
0+00E	9:18	57337	57304	

LINE 0+00E

NOTES

0N 25 metres west of corner
50N 40 metres north of road
150N at south edge of poplar grove
200N at north edge of poplar grove
285N sample - greenstone schist
400N quartz flat

LINE 0+50E

500N trench north/south; sample - greenstone, quartz,
pyrite
465N sample - bornite?, green quartz, pyrite
420N sample - bornite?, green quartz, pyrite
420N(A) sample - conglomerate, pyrite
420N+20W sample - quartz, greenstone; quartz vein
375N sample - green quartz
325N sample - bornite?, sugary quartz, blocky structure
310N quartz, vein, sugary
225N greenstone, same as L0+00E 250N

August 19, 1987 - Compass, magnetometer, drill, rock hammer,
bags.

LINE 1+00E

60N sample - greenstone, quartz veinlets
300N talus slope, quartz float abundant, greenstone
375N large sugary quartz float, stained

LINE 1+50E

450N sample, - greenstone, quartz veinlets
450N+20E DDH #1: 90° at 190° - greenstone, quartz, pyrite
DDH #2: 110° at 200° - greenstone, pyrite
350N massive quartz vein 1 metre wide; sample - quartz
vein, leached, stained
335N greenstone, next to quartz vein; sample - green-
stone, quartz veinlets, pyrite.
250N in poplar grove
200N in poplar grove
150N in poplar grove
125N sample - greenstone, quartz veinlets, leached pods
75N sample - quartz, leached, stained, pyrite

LINE 2+00E

60N sample - quartz vein, milkey, almost clear, stained
65N sample - greenstone, quartz veins, stained
150N sample - greenstone, quartz veinlets, stained
200N Dry on lake bottom, south end of trees
250N North end of dry lake, 40 m. to fir N.W.
300N in poplars to north of lake
375N sample - greenstone, quartz, leached, pyrite
425N sample - greenstone, quartz veinlets, leached, pyrite

LINE 2+50E

450N sample - greenstone, quartz, leached, pyrite
440N sample - greenstone, quartz veinlets, pyrite
350N in poplars; mineralized greenstone 440N to 375N
325N rock bluff to east, quartz abundant, tag 1075N+2375W
250N shaft and tailings at 240N+20E
200N east side of dry lake bed
100N sample - greenstone, quartz, leached

LINE 3+00E

25N trenching east/west, sample - greenstone, red stain quartz
75N sample - greenstone, quartz veinlets, stained
150N sample - greenstone, green quartz, quartz veinlets, leached, pyrite
200N at road at junction to Goldhill shaft
260N sample - green quartz, stained, leached, pyrite
300N sample - greenstone, quartz veinlets, pyrite
350N sample - green quartz (banded), stained, leached
375N rock bluff, sample - greenstone, stained red to black, leached pods
400N tag 2325W 1125N, sample - rusty, weathered, leached, quartz pods

LINE 3+50E

365N sample - green quartz, red to black weathering, leached pods, pyrite
310N sample - quartz, rusty, leached pods, pyrite
300N massive quartz vein
275N sample - quartz, leached pods, rusty red to black
150N cross road
50N old claim post

August 20, 1987

- Compass, magnetometer, drill, rock hammer, bags.

LINE 4+00E

125N sample - greenstone, pyrite
260N sample - green and white quartz, veinlets, leached, stained, pyrite
350N compass pulled to west 10°, corrected at 400N and rerun
400N sample - blue green quartz, rusty weathering, leached pods, pyrite
450N edge of poplar grove

LINE 4+50E

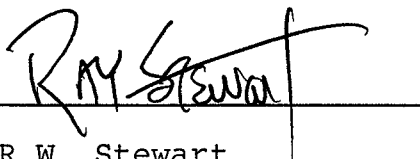
500N L4+50E=500N is 25 metres west and 40 metres north of N.E. corner marked by pink flagging tape
335N tag 1100N 2200W, small N/S trench, sample - greenstone (slate?), quartz, pyrite, leached pods, dark brown to black cooked material; soft, light brown material in pods
260N N/S trench, sample - greenstone, quartz veinlets, malachite
250N location of quartz sample with pyrite in short vein marked L5+00E+250N+50N is L4+50E+250N
240N second trench N/S
225N quartz vein striking west
100N claim tag - I.P. 370661 (No. 1) Gold #1 Fractional, Marco Krekko Dir to #2 Post - 338° M, April 12, , Dist. 1200 370664M, Gold #4 Dir to #2P 146°M, Dist. 1500 to left Marco Krekko, Dec. 12, 1973
50N trench, sample - blue/grey quartz, pyrite

GOLDHILL ADIT L2+50E 240N+20E SEPTEMBER 7, 1987

Goldhill Adit sample - bottom of adit on face, quartz, stained, leached, pyrite
Shaft sample - bottom of adit on face to right, quartz, stained, leached, pyrite
Shaft 'A' sample - bottom of adit on face to left, quartz, stained

ODOMETER READING at L2+50E 240N+20E 16551.3
ODOMETER READING at Golf Course 16555.3

Respectfully submitted,


R.W. Stewart

R.W. Stewart

MALASPINA COLLEGE

Statement of Course Completion

RAYMOND W.B. STEWART

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

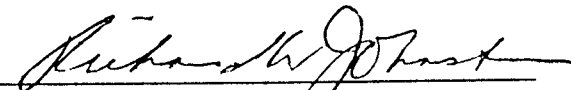
APRIL 16 to 30, 1983 - MESACHIE LAKE, B.C.

MAY 2, 1983

Dated at Nanaimo,
British Columbia, Canada



Malaspina
College



Director / Dean



Registrar



Instructor

APPENDIX III: CORRECTED MAGNETOMETER READINGS

LINE 0+00E
STATION
AUG. 16/87

	TIME		FIELD READINGS		SHIFT		DRIFT		FINAL	
			2M	1M	2M	1M	2M	1M	2M	1M
500N	10:02	41	57373	57335	-1	+10	+7	+4	57379	57340
450N	10:00	39	57294	57223			+7	+4	57300	57237
400N	9:57	36	57581	57554			+6	+3	57586	57567
350N	9:55	34	57245	57212			+6	+3	57250	57225
300N	9:52	31	57299	57241	↑	↑	+5	+3	57303	57254
250N	9:38	17	57311	57277	↑	↑	+3	+1	57313	57288
200N	9:34	13	57505	57474			+2	+1	57506	57475
150N	9:30	9	57519	57467			+1	0	57519	57477
100N	9:27	6	57447	57357			+1	0	57446	57367
050N	9:25	4	57377	57348			0	0	57376	57358
000N	9:21	0	57338	57294	-1	+10	0	0	57337	57304

LINE 0+50E
STATION
AUG. 16/87

500N	10:32	71	58113	58285	-1	+10	+13	+7	58125	58302
450N	10:36	75	57252	57222			+13	+7	57264	57239
425N	10:59	98	57450	57412			+17	+10	57466	57432
400N	11:00	99	57528	57537			+17	+10	57544	57557
350N	11:02	101	57244	57226			+18	+10	57261	57246
300N	11:30	129	57213	57179	↓	↓	+23	+13	57235	57202
250N	11:34	133	57271	57261	↓	↓	+24	+13	57294	57284
200N	11:37	136	57428	57417			+24	+14	57451	57441
150N	11:46	145	57508	57492			+26	+15	57533	57517
100N	11:50	149	57448	57431			+27	+15	57474	57456
050N	11:52	151	57402	57390			+27	+15	57428	57415
000N	11:54	153	57352	57332	-1	+10	+28	+16	57379	57358

LINE 1+00E
STATION
AUG. 19/87

500N	10:15	22	57275	57177	+14	-13	+2	+25	57291	57189
450N	10:13	20	57305	57294			+1	+23	57320	57304
400N	10:11	18	57317	57303			+1	+21	57332	57311
350N	10:09	16	57301	57302			+1	+18	57316	57307
300N	10:06	13	57243	57226	↑	↑	+1	+15	57258	57228
250N	10:04	11	57223	57175			+1	+12	57238	57174
200N	10:43	10	57346	57255			0	+11	57360	57253
150N	10:02	9	57539	57320			0	+10	57553	57317
100N	10:00	7	57548	57452			0	+8	57562	57447
050N	9:56	3	57457	57336			0	+3	57471	57326
000N	9:53	0	57373	57350	+14	-13	0	0	57387	57337

LINE 1+50E
STATION
AUG. 19/87

500N	10:21	28	57277	57133	+14	-13	+2	+32	57293	57152
450N	10:23	30	57355	57233			+2	+35	57371	57255
400N	10:26	33	57330	57297			+3	+38	57347	57322
350N	10:28	35	57271	57125			+3	+40	57288	57152
300N	10:34	41	57230	57148			+3	+47	57247	57182
250N	10:36	43	57141	56998	↓	↓	+3	+50	57158	57035
200N	10:37	44	57140	57058			+4	+51	57158	57096
150N	10:41	48	57440	57395			+4	+56	57458	57438
125N	10:46	53	57475	57341			+4	+61	57493	57389
100N	10:45	52	57578	57404			+4	+60	57536	57451
075N	10:58	65	57544	57506			+5	+75	57563	57568
050N	10:57	64	57504	57427			+5	+74	57523	57488
00N	10:59	66	57381	57262	+14	-13	+6	+77	57401	57326

LINE 2+00E
STATION
AUG. 19/87

500N	12:23	49	57287	57248	+11	+122	+2	+39	57300	57409
450N	12:20	46	57231	57170			+1	+36	57243	57328
400N	12:14	40	57210	57156			+1	+32	57222	57310
350N	12:07	33	57274	57217			+1	+26	57286	57365
300N	12:05	31	57214	57094	↑	↑	+1	+24	57226	57240
250N	12:02	28	57216	57148			+1	+22	57228	57292
200N	11:59	25	57073	56952			+1	+20	57085	57094
150N	11:50	16	57278	57162			0	+12	57289	57296
100N	11:44	10	57511	57332			0	+8	57522	57462
050N	11:36	2	57509	57399			0	+1	57520	57522
000N	11:34	0	57386	57204	+11	+122	0	0	57397	57326

LINE 2+50E
STATION
AUG. 19/87

500N	12:30	56	57349	57267	+11	+122	+2	+44	57362	57433
450N	12:40	66	57245	57188			+2	+53	57258	57363
400N	12:53	79	57188	56996			+3	+63	57202	57181
350N	12:58	84	57180	57081			+3	+67	57194	57270
300N	1:02	88	57228	56967			+3	+70	57242	57159
250N	1:05	91	57195	57096			+3	+73	57209	57291
200N	1:10	96	57123	57005	↓	↓	+4	+77	57138	57204
150N	1:19	105	57196	57047			+4	+84	57211	57253
100N	1:26	112	57424	57268			+4	+89	57439	57479
050N	1:29	115	57477	57453			+4	+92	57492	57667
000N	1:31	117	57389	57126	+11	+122	+5	+94	57405	57342

LINE 3+00E
STATION
AUG. 19/87

500N	4:02	80	57255	57106	0	+29	-8	-8	57248	57127
450N	4:00	78	57171	57107			-7	-8	57164	57128
400N	3:50	68	57166	56911			-6	-7	57160	56933
375N	3:43	61	57347	57249			-6	-6	57341	57272
367N	3:43	61	57489	57398			-6	-6	57483	57421
350N	3:26	44	57595	57534	↑	↑	-4	-4	57591	57559
345N	3:26	44	57427	57399			-4	-4	57425	57424
337N	3:25	43	57170	57127			-4	-4	57166	57125
325N	3:25	43	57101	57079			-4	-4	57097	57104
300N	3:22	40	57143	57078			-4	-4	57139	57103
250N	3:14	32	57326	57273			-3	-3	57323	57299
200N	3:10	28	57175	57083			-3	-3	57173	57209
250N	3:04	22	57184	57082			-2	-2	57182	57209
100N	3:01	19	57317	57357			-1	-2	57316	57284
050N	2:56	14	57438	57361			-1	-1	57437	57389
000N	2:42	0	57378	57299	0	+29	0	0	57378	57328

LINE 3+50E
STATION
AUG. 19/87

500N	4:10	88	57206	57159	0	+29	-8	-9	57198	57179
450N	4:17	95	57177	57123			-9	-10	57168	57142
400N	4:20	98	57129	57045			-9	-10	57120	57064
350N	4:33	111	56985	56913			-11	-12	56974	56930
300N	4:38	116	57237	57171			-11	-13	57266	57228
200N	4:51	129	57223	57149			-13	-14	57181	57164
150N	4:53	131	57194	57003			-13	-14	57191	57018
100N	4:55	133	57206	57119			-13	-14	57193	57134
050N	4:57	135	57421	57297			-13	-14	57408	57312
000N	5:00	138	57412	57326	0	+29	-14	-15	57398	57340

LINE 4+00E
STATION
AUG. 20/87

500N	8:24	55	57295	57292	-3	+8	+4	-4	57296	57296
450N	8:17	48	57210	57159			+3	-4	57210	57163
400N	8:02	33	57156	57187			+2	-2	57155	57193
375N	8:00	31	57174	57150			+2	-2	57173	57156
355N	7:59	30	57087	57145			+2	-2	57086	57151
350N	7:59	30	55923	55760			+2	-2	55922	55766
345N	7:59	30	54213	53177			+2	-2	54212	53183
337N	7:58	29	54064	53231	↑	↑	+2	-2	54063	53237
330N	7:58	29	55114	54782			+2	-2	55113	54788
325N	7:56	27	57434	57613			+2	-2	57433	57619
300N	7:52	23	57330	57274			+1	-2	57328	57280
250N	7:47	18	57202	57195			+1	-1	57200	57202

200N	7:45	16	57244	57217			+1	-1	57242	57224
150N	7:43	14	57214	57147			+1	-1	57212	57154
100N	7:35	6	57298	57285			0	0	57295	57293
050N	7:33	4	57376	57321			0	0	57373	57329
000N	7:29	0	57388	57342	-3	+8	0	0	57385	57350

LINE 4+50E
STATION
AUG. 20/87

500N	8:48	79	57385	57426	-3	+8	+6	-6	57388	57428
450N	8:54	85	57209	57151			+6	-7	57212	57152
400N	9:02	93	57156	57171			+7	-8	57160	57171
350N	9:05	96	56863	56668			+7	-8	56867	56668
375N	9:07	98	57242	57269			+7	-8	57246	57269
365N	9:07	98	57053	56970			+7	-8	57057	56970
360N	9:07	98	57074	57044	↓	↓	+7	-8	57078	57044
355N	9:08	99	57063	57038			+8	-8	57068	57038
350N	9:08	99	56869	56695			+8	-8	56874	56695
335N	9:09	100	57765	57771			+8	-8	57770	57771
300N	9:19	110	57472	57440			+8	-9	57477	57439
250N	9:34	125	57260	57213			+10	-10	57267	57211
200N	9:41	132	57240	57241			+10	-11	57247	57238
150N	9:43	134	57211	57125			+10	-11	57218	57122
100N	9:46	137	57241	57177			+11	-12	57249	57173
050N	9:50	141	57298	57185			+11	-12	57306	57181
000N	9:57	148	57385	57322	-3	+8	+12	-13	57394	57317

APPENDIX IV: MAGNETOMETER PROFILES

58000

57000

56000

55000

54000

53000

0 SOUTH

50

100

150

200

250

300

350

400

450

500 NORTH

SENSOR ELEVATION: _____ 1 metre; - - - 2 metres:
Scale 1:1500 Diurnally Corrected

LINE 0.00E

MAGNETOMETER PROFILES
GOLDHILL L1916-2501(9)

OSOYOOS M.D. NTS 82E/4E
To Accompany Report by R.W. Stewart

58000

57000

56000

55000

54000

53000

0

50

100

150

200

250

300

350

400

450

500

SOUTH

LINE 0.50F

NORTH



58000

57000

56000

55000

54000

53000

0 50 100 150 200 250 300 350 400 450 500
SOUTH LINE 1,00E NORTH

SENSOR ELEVATION: _____ 1 metre; - - - 2 metres:
Scale 1:1500 Diurnally Corrected

MAGNETOMETER PROFILES
GOLDHILL L1916-2501(9)

OSOY00S M.D. NTS 82E/4E
To Accompany Report by R.W. Stewart

58000

57000

56000

55000

54000

53000

0
SOUTH

50

100

150

200

250

300

350

400

450

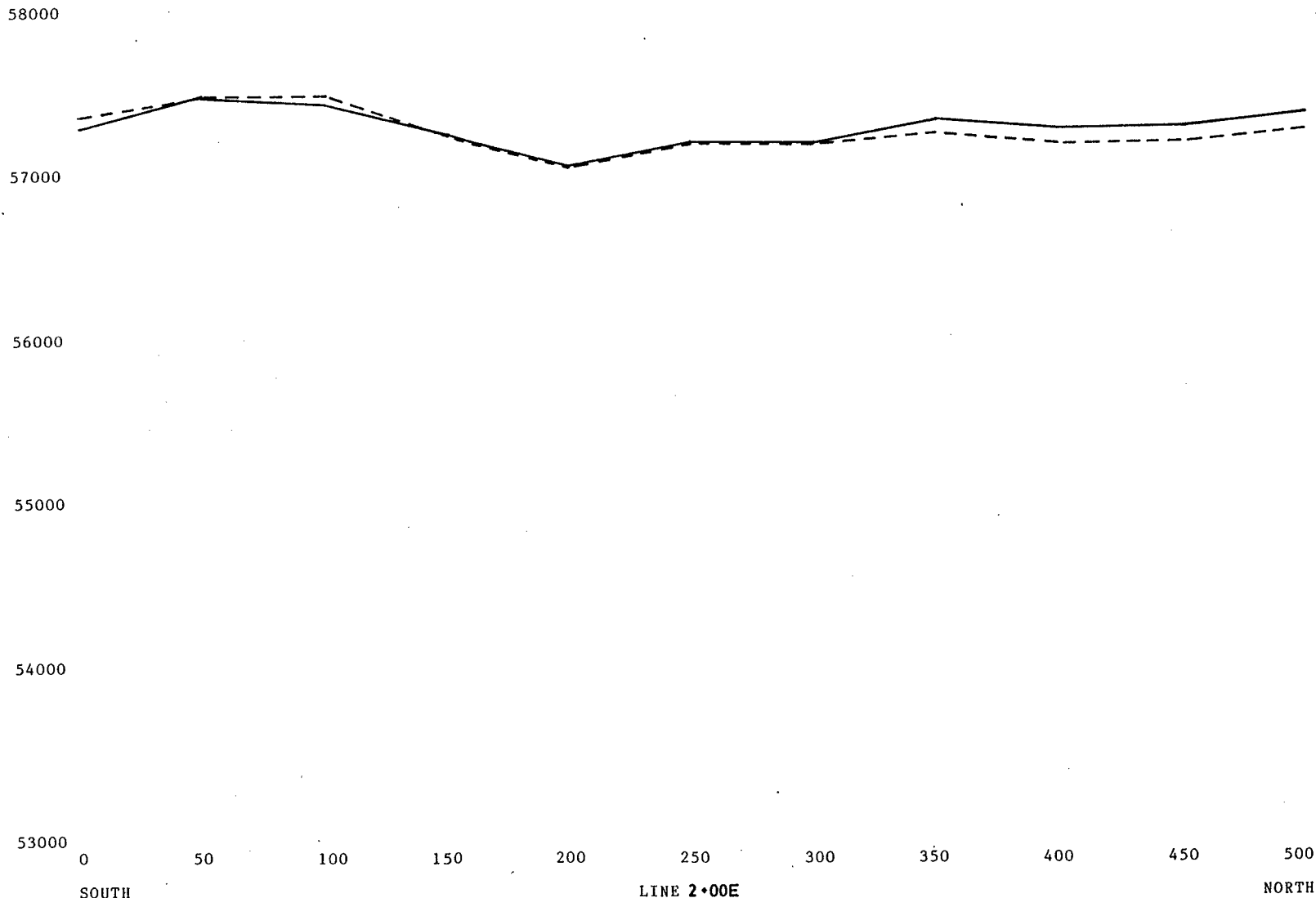
500
NORTH

SENSOR ELEVATION: _____ 1 metre; - - - - 2 metres:
Scale 1:1500 Diurnally Corrected

LINE 1•50E

MAGNETOMETER PROFILES
GOLDHILL L1916-2501(9)

OSOYOOS M.D. NTS 82E/4E
To Accompany Report by R.W. Stewart

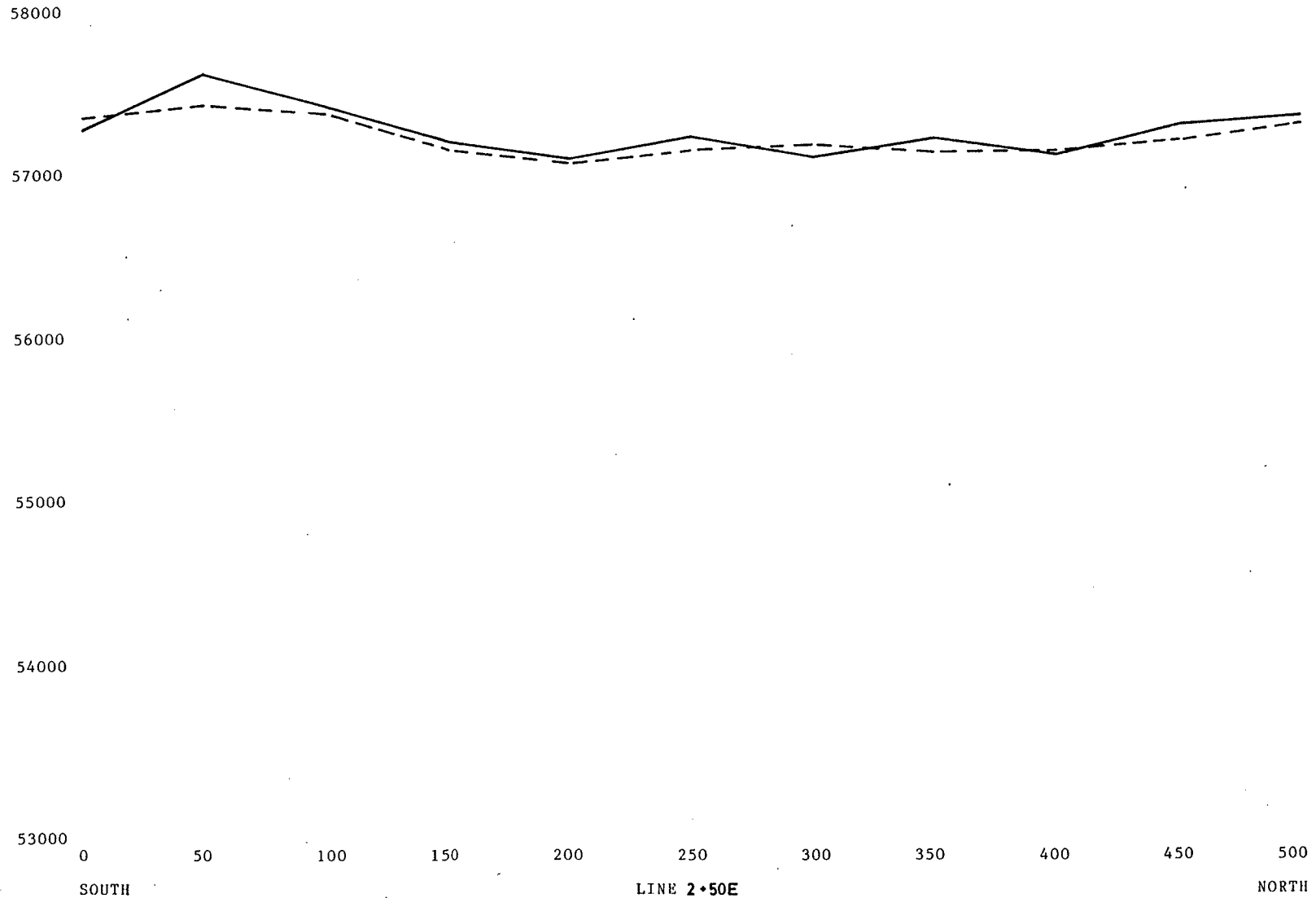


- 41 -

SENSOR ELEVATION: _____ 1 metre; - - - - 2 metres:
 Scale 1:1500 Diurnally Corrected

MAGNETOMETER PROFILES
 GOLDHILL L1916-2501(9)

OSOYOOS M.D. NTS 82E/4E
 To Accompany Report by R.W. Stewart



SENSOR ELEVATION: _____ 1 metre; - - - 2 metres:
 Scale 1:1500 Diurnally Corrected

LINE 2+50E
 MAGNETOMETER PROFILES
 GOLDHILL L1916-2501(9)

OSOYOOS M.D. NTS 82E/4E
 To Accompany Report by R.W. Stewart

58000

57000

56000

55000

54000

53000

0 SOUTH

50

100

150

200

250

300

350

400

450

500 NORTH

SENSOR ELEVATION: _____ 1 metre; - - - - 2 metres:
Scale 1:1500 Diurnally Corrected

LINE 3•00E

MAGNETOMETER PROFILES
GOLDHILL L1916-2501(9)

OSOYOOS M.D. NTS 82E/4E
To Accompany Report by R.W. Stewart

58000

57000

56000

55000

54000

53000

0 SOUTH

50

100

150

200

250

300

350

400

450

500 NORTH

SENSOR ELEVATION: _____ 1 metre; - - - 2 metres:
Scale 1:1500 Diurnally Corrected

LINE 3-50E

MAGNETOMETER PROFILES
GOLDHILL L1916-2501(9)

OSOYOOS M.D. NTS 82E/4E
To Accompany Report by R.W. Stewart

58000

57000

56000

55000

54000

53000

0

50

100

150

200

250

300

350

400

450

500

SOUTH

LINE 4+00E

NORTH

SENSOR ELEVATION: _____ 1 metre; - - - - 2 metres:
Scale 1:1500 Diurnally Corrected

MAGNETOMETER PROFILES
GOLDHILL L1916-2501(9)

OSOYOOS M.D. NTS 82E/4E
To Accompany Report by R.W. Stewart

APPENDIX V: ROCK GEOCHEMISTRY

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: Rock Chips AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 26 1987

DATE REPORT MAILED:

Sept 1/87

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

RAY STEWART

File # B7-3622

SAMPLE#	NO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM
L1+00E 60N	2	24	2	117	.2	52	20	979	6.55	13	5	ND	2	207	1	3	2	87	6.46	.089	13	61	2.43	36	.36	2	2.85	.02	.05	1	8
L1+50E 450N	3	765	6	65	.6	22	21	1278	6.59	8	5	ND	1	201	1	2	2	138	8.04	.295	7	28	2.90	35	.02	2	3.23	.02	.03	1	10
L1+50E 350N	1	8	2	7	.1	4	1	85	.42	4	5	ND	1	7	1	2	3	2	.16	.006	2	3	.04	9	.01	2	.06	.01	.02	1	2
L1+50E 335N	2	498	2	53	.2	20	19	1177	5.86	6	5	ND	1	230	1	2	2	94	6.34	.075	6	32	2.46	54	.01	2	3.10	.03	.09	1	4
L1+50E 125N	1	35	2	90	.1	45	19	731	5.54	10	5	ND	3	140	1	2	2	61	4.38	.094	18	43	2.11	60	.06	4	2.50	.02	.09	1	1
L1+50E 75N	4	139	2	37	.1	41	15	444	2.04	15	5	ND	1	26	1	4	3	14	.39	.079	9	5	.08	82	.01	13	.25	.01	.07	1	9
L2+00E 425N	1	163	2	57	.1	25	24	922	5.55	3	5	ND	1	86	1	2	2	99	4.07	.083	4	33	2.91	27	.24	2	3.13	.02	.06	1	7
L2+00E 375N	2	357	4	65	.1	24	22	852	6.14	4	5	ND	1	97	1	2	2	74	3.79	.087	7	37	3.17	38	.01	2	3.58	.02	.11	1	1
L2+00E 150N	1	12	2	34	.2	4	7	522	3.17	6	5	ND	2	107	1	2	2	55	4.28	.115	5	9	1.09	22	.17	4	1.66	.03	.03	1	1
L2+00E 65N	3	51	9	102	.2	209	32	1043	7.93	34	5	ND	2	189	1	2	2	162	4.00	.108	13	307	4.82	96	.39	2	4.48	.01	.26	1	1
L2+00E 60N	1	27	3	1	.2	8	5	185	.86	5	5	ND	1	15	1	3	3	6	.35	.044	2	6	.05	42	.01	22	.11	.02	.04	1	1
L2+50E 450N	2	133	2	70	.1	26	24	924	5.97	3	5	ND	1	93	1	2	2	101	2.40	.093	4	39	3.56	85	.18	2	3.61	.02	.10	1	4
L2+50E 440N	2	376	7	58	.2	23	24	1209	5.69	8	5	ND	1	184	1	2	2	108	9.45	.083	2	32	3.11	37	.20	2	3.41	.01	.05	1	6
L2+50E 100N	1	14	2	88	.1	40	18	676	4.88	11	5	ND	1	64	1	2	2	48	2.65	.118	6	36	1.54	33	.48	4	2.29	.02	.06	1	1
L3+00E 400N	3	61	2	15	.2	15	3	65	2.28	15	5	ND	2	14	1	2	4	14	.06	.034	6	9	.17	274	.01	3	.32	.01	.11	1	6
L3+00E 375N	1	47	2	15	.1	14	3	128	2.64	5	5	ND	7	38	1	2	3	31	.41	.049	11	27	.38	83	.35	7	.62	.03	.11	1	2
L3+00E 350N	1	24	2	60	.2	32	12	516	3.93	7	5	ND	13	8	1	2	3	39	.12	.026	29	42	1.21	35	.02	9	1.59	.02	.08	1	1
L3+00E 300N	2	47	2	133	.1	286	44	1216	8.60	17	5	ND	1	101	1	4	2	147	3.01	.086	5	395	3.39	32	.39	2	3.38	.04	.05	1	1
L3+00E 260N	4	30	2	61	.4	1	11	730	5.27	6	5	ND	6	67	1	2	2	29	2.15	.230	45	8	.78	68	.02	12	1.40	.03	.11	1	11
L3+00E 150N	4	153	2	147	.1	85	30	1062	9.89	8	5	ND	1	177	1	4	2	86	2.04	.356	10	44	1.67	164	.43	2	3.39	.02	.64	1	1
L3+00E 75N	2	18	3	77	.1	43	19	720	4.75	22	5	ND	1	136	1	2	2	56	6.01	.096	6	47	1.50	35	.40	7	2.10	.02	.05	1	2
L3+00E 25N	3	31	12	165	.3	127	31	1152	8.39	10	5	ND	1	308	1	3	2	80	10.09	.121	12	116	1.77	104	.07	12	2.91	.02	.14	1	10
L3+50E 365N	2	40	2	28	.2	10	3	244	3.42	6	5	ND	15	68	1	2	2	32	.76	.083	24	34	.78	99	.35	2	1.20	.03	.15	1	1
L3+50E 310N	1	30	6	1	.3	6	5	185	1.08	3	5	ND	1	6	1	5	2	3	.14	.008	2	5	.08	8	.01	2	.14	.01	.02	1	3
L3+50E 275N	1	32	4	13	.1	32	6	199	1.04	11	5	ND	1	5	1	2	2	1	.13	.006	2	3	.03	15	.01	16	.11	.01	.04	2	18
L4+00E 400N	1	53	2	37	.2	22	10	317	2.93	6	5	ND	18	50	1	2	3	32	.59	.047	30	40	.78	62	.35	17	1.18	.03	.17	1	1
L4+00E 260N	2	41	2	107	.5	33	21	1001	7.91	7	5	ND	3	95	1	2	2	154	3.46	.115	14	23	2.52	27	.60	16	2.83	.03	.05	1	2
L4+00E 125N	1	22	2	94	.1	57	21	765	5.35	11	5	ND	2	76	1	2	2	77	2.31	.102	7	63	1.94	38	.48	2	2.30	.03	.05	1	1
L4+50E 335N	1	62	2	42	.1	20	12	406	4.61	7	5	ND	2	42	1	2	2	63	.86	.077	5	45	.85	13	.66	160	1.35	.03	.04	1	2
L4+50E 260N	2	615	7	64	1.1	12	26	911	6.64	6	5	ND	1	225	1	2	2	122	4.41	.069	3	14	3.18	43	.03	3	3.40	.02	.08	1	13
L4+50E 50N	1	14	4	30	.1	5	2	294	1.11	13	5	ND	1	103	1	2	2	3	1.34	.008	2	5	.41	24	.01	2	.05	.01	.01	2	7
STD C/AU-R	19	60	40	131	7.7	.72	28	1074	4.12	41	23	8	40	52	19	18	22	61	.48	.097	40	59	.87	179	.09	37	1.79	.07	.14	12	495

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: ROCK/CORE AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 22 1987

DATE REPORT MAILED: *Oct 27/87*ASSAYER: *D. J. ...* DEAN TOYE, CERTIFIED B.C. ASSAYER

RAY STEWART

File # 87-3395 R

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
GOLD HILL ADIT	36	392	137	240	1.1	19	2	54	8.39	94	5	ND	4	36	2	4	3	28	.04	.061	9	17	.04	413	.01	2	.23	.01	.09	1	35
0+00 285N	2	30	116	134	.8	72	23	1029	6.36	24	5	ND	3	181	1	2	2	85	5.91	.093	12	82	3.12	34	.13	2	3.33	.03	.03	1	1
0+50E 325N	4	37	127	36	.6	8	1	82	1.31	11	5	ND	3	17	1	2	2	17	.05	.032	14	9	.10	264	.01	17	.34	.02	.14	1	1
0+50E 375N	1	26	55	98	.5	45	17	978	5.65	15	5	ND	6	116	1	2	2	77	3.28	.125	17	51	2.82	46	.44	12	2.93	.06	.12	1	1
0+50E 420N	4	38	38	18	.1	27	5	180	1.84	6	5	ND	2	11	1	2	2	56	.38	.148	12	17	.31	29	.01	2	.42	.02	.08	1	1
0+50E 420N (A)	1	31	27	10	.4	4	1	81	2.36	8	5	ND	6	56	1	3	2	34	.78	.053	13	49	.18	26	.81	2	.51	.08	.07	1	1
0+50E 420N+20W	1	11	55	50	.3	48	9	373	1.90	9	5	ND	4	6	1	2	2	21	.18	.011	9	29	1.12	32	.02	2	1.05	.03	.11	1	9
0+50E 465N	2	34	25	71	.3	17	6	436	5.96	7	5	ND	2	44	1	2	2	54	.77	.142	8	42	1.40	37	.72	2	1.82	.06	.19	1	3
0+50E 500N	1	41	37	46	.6	51	16	503	3.96	35	5	ND	8	58	1	2	2	31	1.02	.074	14	55	.88	41	.43	22	1.14	.06	.10	1	1
5+00E 250N+50W	1	9	30	10	.1	7	2	154	.49	5	5	ND	1	11	1	2	2	3	.36	.014	2	3	.13	12	.01	15	.18	.02	.04	1	1
DDH 1	3	189	22	60	.3	31	20	1031	4.60	2	5	ND	2	188	1	2	2	103	6.37	.088	4	37	2.81	15	.19	6	2.93	.03	.01	29	1
DDH 2 0-1	4	1861	19	66	1.5	48	18	1401	5.76	6	5	ND	2	228	1	2	2	112	9.62	.087	3	56	2.76	17	.17	2	3.02	.01	.01	25	9
DDH 2 1-2	59	115	14	56	.1	45	14	1336	3.97	12	5	ND	2	236	1	2	2	92	10.43	.115	5	119	3.38	24	.21	2	2.93	.01	.01	725	2
STD C/AU-R	19	59	42	130	6.8	67	26	1022	3.75	38	17	7	37	48	17	17	20	55	.46	.084	36	55	.91	172	.08	37	1.74	.08	.11	12	505

GEOCHEMICAL ANALYSIS CERTIFICATE

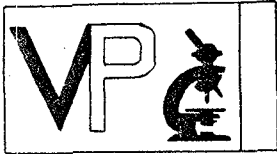
ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: Rock Chips AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 26 1987 DATE REPORT MAILED: *Nov 3/87* ASSAYER: *D. Jeyes* DEAN TOYE, CERTIFIED B.C. ASSAYER

RAY STEWART File # 87-5136

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
SHAFT	3	185	7	853	.1	42	8	510	1.92	28	5	ND	2	58	16	2	2	8	.64	.035	5	8	.49	80	.01	8	.55	.01	.08	1	26
SHAFT 'A'	2	78	7	529	.3	24	4	1003	1.42	9	5	ND	1	244	11	2	2	10	3.15	.024	2	7	.49	329	.01	6	.20	.01	.04	1	16

APPENDIX VI: PETROGRAPHIC ANALYSIS



Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph. D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY, B.C.
VOX 1J0

PHONE (604) 888-1323

Invoice #6788

October 6, 1987

Report for: Ray Stewart
Suite 1604 - 650 16th St.
West Vancouver, B.C. V7V 3R9

Samples:

One (1) rock sample, Goldhill L1916 - Shaft, for preparation as polished thin sections and petrographic description.

Summary:

The sample is dominantly quartz and lesser carbonate (siderite). It is strongly fractured by a sericite and carbonaceous matter bearing, anastomosing fracture network. Quartz grains show evidence of shearing (crushed grains, ribbon texture) which precedes the final mineralization phases (both silicate and sulphide phases). Pyrite grains, the only observed sulphide phase, are present as disseminations throughout the section. Native gold blebs were also observed in one part of the section. They occur as isolated grains and are not associated with the pyrite.

A petrographic description of the sample is attached.

S. J. Juras M.Sc.

Goldhill L1916--Shaft

MINERALIZED QUARTZ VEIN

Estimated Mode

Quartz	68
Carbonate	20
Sericite	7
Chlorite/Serpentine?	2
Carbonaceous matter	2
Pyrite	1
native Au	trace

This sample is irregularly veined and fractured with a mottled-like texture. The sample contains patches of Fe-staining throughout the section.

Quartz is by far the principal constituent, occurring in three forms. The first is as 0.02 to 0.15 mm in diameter, highly strained, anhedral grain aggregates. Grain boundaries are lobate. This type contains common inclusions of carbonate and sericite. Locally the grains have a crushed appearance. The second type is as coarser grained (up to 0.3 mm in diameter), elongate aggregates (ribbon texture) forming lensoidal to ovoid patches. This phase is relatively inclusion-free, moderately to strongly strained, and often with markedly lobate grain boundaries. The final type is a component in cross-cutting veins. These quartz grains form recrystallized, relatively unstrained, polygonal aggregates. Grain sizes are up to 0.5 mm.

Carbonate is commonly Fe-stained which may indicate the presence of siderite. The carbonate grains occur as anhedral intergranular phases with first type quartz: as coarse grained, up to 3.0 cm long aggregates; and as subhedral grains (approximately 0.2 mm in size) in the selvages of the quartz veins.

Sericite occurs as very fine grained (less than 0.01 mm) flakes to flaky aggregates in first type quartz. The sericite is commonly associated with carbonaceous matter bearing fracture networks.

Chlorite/serpentine(?) is present as anhedral, non- to weakly pleochroic, pale green, matted fibrous aggregates (about 0.05 mm long). Interference colours are low first order. These patches are irregularly distributed throughout the section.

Pyrite euhedra occur as 0.1 to 0.3 mm in size, disseminations. No non-silicate inclusions were observed. Trace bleb-like grains of native gold (Au) were observed. They are by themselves (i.e. they are not associated with pyrite) and are less than 0.05 mm in size. Location of the gold grains is in the bottom right corner, right above the letters "AF" in the word 'Shaft' in the thin section label.

The sample is a mineralized, weakly sheared quartz vein.

APPENDIX VII: DETAILED COST STATEMENT

DETAILED COST STATEMENT

A. WAGES & FEES:

1)	Raymond W.B. Stewart, 7 Days @ \$175/Day May 20, June 30, August, 15, 16, 19, 20, September 7, 1987	\$ 1,225.00
2)	Rita K. Stewart, 7 Days @ \$100/Day May 20, June 30, August 15, 16, 19, 20, September 7, 1987	700.00
3)	Raymond B. Stewart, 7 Days @ \$100/Day May 20, June 30, August 15, 16, 19, 20, September 7, 1987	700.00

B. FOOD, ACCOMMODATIONS:

21 Man Days @ \$22.62/Man/Day	475.22
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C. TRANSPORTATION:

4x4 Vehicle - 7 Days @ \$40/Day	280.00
VCR. to OSOYOOS to VCR. - 5 Trips	
OSOYOOS to Property to OSOYOOS - 7 Trips	83.00

D. EQUIPMENT:

Magnetometer - 3 Days @ \$58/Day	150.00
Diamond Drill - 2 Days @ \$75/Day	150.00

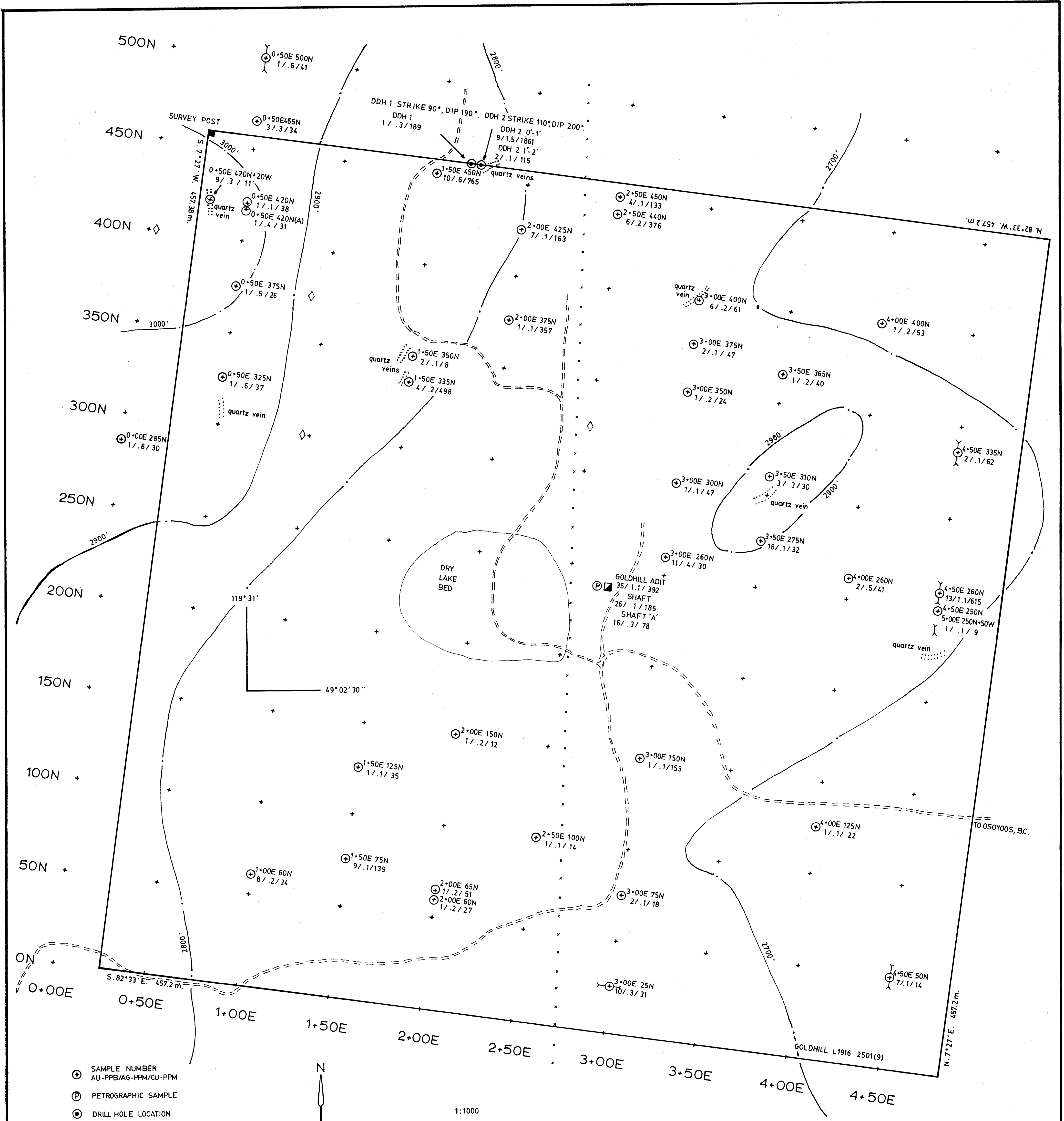
E. ANALYSIS:

46 Samples (ICP) @ \$13.64/Sample	627.50
1 Petrographics	80.43

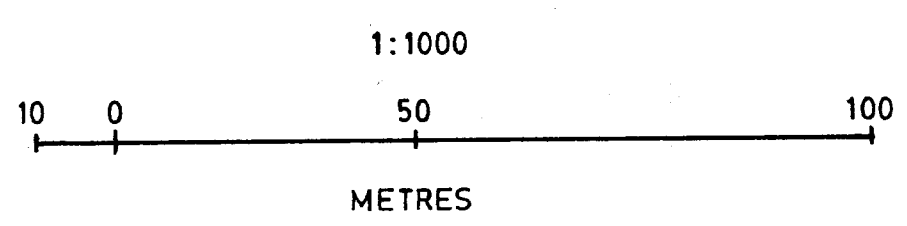
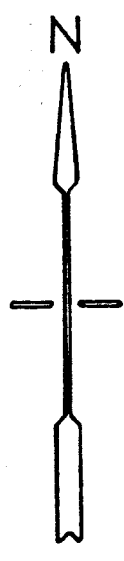
F. REPORT:

Drafting, Typing, Photocopying, Materials	133.68
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\$ 4,504.83



- ⊕ SAMPLE NUMBER
AU-PPB/AG-PPM/CU-PPM
- Ⓟ PETROGRAPHIC SAMPLE
- ⊙ DRILL HOLE LOCATION
- ▣ GOLDHILL SHAFT
- TRENCH
- ⋯ QUARTZ VEIN
- ◇ QUARTZ FLOAT
- ROAD
- *** FENCE
- ELEVATION



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,630

R.B. STEWART
GOLDHILL L1916
GEOCHEMISTRY
MOUNT KRUGER
OSOYOOS, B.C.
OSOYOOS M.D.

TO ACCOMPANY REPORT BY R.W. STEWART

SCALE:	1:1000
NTS:	82E/4
DATE:	1987 NOVEMBER
MAP:	5
DRAFTED BY:	R.B.S.