

87-619-16267

PROSPECTING REPORT

on the

WHITE / KNIGHT GROUP  
LONE PINE CREEK  
OSOYOOS, B.C.  
OSOYOOS MINING DIVISION  
BRITISH COLUMBIA

SUB-RECORDER  
RECEIVED  
OCT -7 1987  
M.R. # ..... \$.....  
VANCOUVER, B.C.

---

PROPERTY : WHITE M.C., Record No. 2459  
(7), 2WX1S (reduced)  
: KNIGHT, M.C., Record No. 2460  
(7), 1EX2S  
: Latitude - 49°00'25" North  
: Longitude - 119° 32.75" West  
: NTS - 82E/4E 33'24"

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

WRITTEN BY : Raymond W.B. Stewart

DATED

September 27, 1987  
**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

16,267

FILMED

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SUMMARY

The White claim 2459 (7) and the Knight claim 2460 (7) registered to R.B. Stewart of West Vancouver, B.C. are located 7 kms. southwest of Osoyoos, B.C. in the Osoyoos Mining Division (NTS 82E/4E). Access is 5 kms. northwest of Osoyoos, B.C. on Highway 3, thence 11.5 kms. on the Kilpoola Lake Road to the LCP of both claims.

A prospecting traverse of the White claim and parts of the Knight claim included 11 kms. of grid with lines spaced at 50 metres and sample stations at 50 metre intervals. A magnetometer survey indicated an area of high magnetic relief (to 66,513 gammas on a base of 57,000 gammas) in the western sector of the White claim from 3+00W to 4+50W and from L2 to L6. ICP geochemical analysis of six chip samples and six short-hole sample cores in other sectors of the claims did not indicate any anomalous values.

The areas of high magnetic relief warrant further exploration. Rock samples taken from these areas but not analyzed should be forwarded for analysis prior to determining any ground program. In addition, any further program should include the total area of the Knight claim.

PROSPECTING REPORT  
on the  
WHITE / KNIGHT GROUP

INTRODUCTION

A prospecting reconnaissance for Raymond B. Stewart was carried out on the White/Knight Claim Group on May 2, 9, 16 and June 6, 7, 20, 21, 28 and 30, 1987. Work included establishment of a grid, a magnetometer survey, rock sampling and diamond drilling of short prospecting cores.

PROPERTY

The property consist of the following claim groups 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> |
|-------------------|-------------------|------------------------|----------------------|-------------------|--------------------|
| WHITE (red.)      | 2459              | OSOYOOS                | S.D.Y.D.             | 50                | July 9, 1987       |
| KNIGHT            | 2460              | OSOYOOS                | S.D.Y.D.             | 50                | July 9, 1986       |

LOCATION, ACCESS, TOPOGRAPHY

The White/Knight Group is located on the southwestern slope of Mount Kruger, 7 kms. southwest of Osoyoos, B.C. in the Osoyoos Mining Division, M82E/4E (Map 1). The Group is cut northwest, southeast by Lone Pine Creek at 49° .25' North latitude and 119° 32.75' West longitude (Map 2 and 3).

Access to the property is 5 kms. northwest of Osoyoos, B.C. on Trans Provincial Highway 3 to Kilpoola Lake Road, thence 10

kms. to Kilpoola Lake and 1.5 kms. south to the LCP of both claims on the East bank of Lone Pine Creek. Roads penetrate all sections of the claims. Many secondary roads from Osoyoos and the Canada/U.S. boundary access the claim group.

Topography is generally rolling hills and flat benches. Open, desert country with sagebrush and a few large pines is predominant. Lone Pine Creek, the major drainage, at high water, from Kilpoola Lake, bisects the property. Outcrops are numerous, with a north/south ridge and talus slope located 500 metres west of the LCP, a major feature. Elevations range from 2400' to 2950'.

#### HISTORY

There is not any known development or recorded work on the property. To the east, approximately 5 kms., is the Dividend-Lakeview Mine which is reported to have produced 19,335 oz. Au from 100,373 tons. Immediately to the south, bordering the southwest corner of the Knight claim and across the border is the Submarine Mine. Production records are sketchy and from data obtained in Tonasket, Washington, contradictory. However, a substantial exploration by 3 adits was developed on the U.S. side, striking north and terminating at the Canada/U.S. boundary. Reference to exploration on the Canadian side in some reports could not be substantiated by on-site review. Therefore, those reports are not referenced here.

Current work in the area, 4 kms. northeast of the claim group, involves an exploratory adit reported to have encountered substantial Au values. Records were not obtainable with only newspaper releases for verification. A site visit indicates substantial work done, a camp established and the adit sealed with a steel gate.

**CURRENT EXPLORATIONS (See Map 4 and Appendix 1: Field Notes)**

A north/south baseline of 500 metres was established 500 metres west of the LCP on the White claim. East/west lines totalling 11 kms. at 50 metre spacings, north/south, were flagged and sample stations located at 50 metre intervals. Brunton compass and hip chains were used to establish all locations, lines and sample stations. A strong magnetic anomaly in the western and southeastern sections of the property affected line placement as indicated on Map 4. Lines were over-run on to the Knight Claim Group. A magnetometer survey was completed on the grid. Rock samples were taken from each outcrop as well as from one additional location on the Knight claim. Six short, prospecting holes were diamond drilled on the White claim. Twelve rock samples were forwarded to Acme Analytical Laboratories for Geochemical ICP Analysis.

**MAGNETOMETER SURVEY (Appendix 2 and 3)**

The 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 established grid, generally at 50 metre line spacings and specifically at 50 metre intervals on the east/west lines. Line segments were tied into previously recorded baseline readings (Appendix 1) and corrected for diurnal variation (Appendix 2). Drift variations ranged from 0 to 192 gammas with shift variations from 0 to 237 gammas.

The corrected readings (Appendix 2) were profiled on a scale of 1:5000 (Appendix 3). The high reading at L4 3+50W is 66,513

gammas and the low reading is 54,920 gammas at L6 4+00E for a range over the grid of 11,593 gammas. The base value is 57,000 gammas.

The area of strongest magnetic relief is in the western sector of the White claim from 3+00W to 4+50W and from L2 to L6. Secondary highs on L7 5+00W and L8 1+50W are noted. The eastern sector of the White claim exhibits low magnetic relief except on L7 at 3+00E adjacent to a low magnetic anomaly centered on 4+00E from L5 to L7.

The magnetic high from 3+00W to 4+50W indicates a strong anomaly with a north/south trending structure. A possible cause of the anomaly is a high magnetic mineral content in the rock. These could be pyrrhotite or magnetite, typical skarn minerals known to be present in the nearby Dividend - Lakeview mine. This was not confirmed. It could also reflect the contact between the granite and the unknown rock (basalt?) to the west as shown on Map 4.

#### GEOCHEMICAL ICP ANALYSIS (Appendix 4)

Chip samples were taken from all outcrops and are stored under lock and key on Loss Lament Investment Limited property in Osoyoos, B.C. Six surface rock chip samples and six short prospecting drill cores were sent for analysis. Cores were drilled using a JKS 10 SAMPLE DRILL, S/N 83375. All samples were placed in plastic rock bags, marked and forwarded to Acme Analytical Laboratories for geochemical analysis. 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-HNO3-H2O at 95 C

Anomalous Au or Ag values were not evident in any of the samples. Unfortunately, samples from the areas of high magnetic relief in the western sector of the claim were not analyzed.

#### CONCLUSIONS

The geochemical analysis of samples forwarded did not indicate any anomalous values. Areas of high magnetic relief should be explored further. Particularly, the area from L2 to L6, 3+00W to 4+50W. Prior to ground work, the rock samples taken in this section could be forwarded for ICP analysis to determine any correlation. Exploration of the claims should include a similar program covering the entire Knight claim.

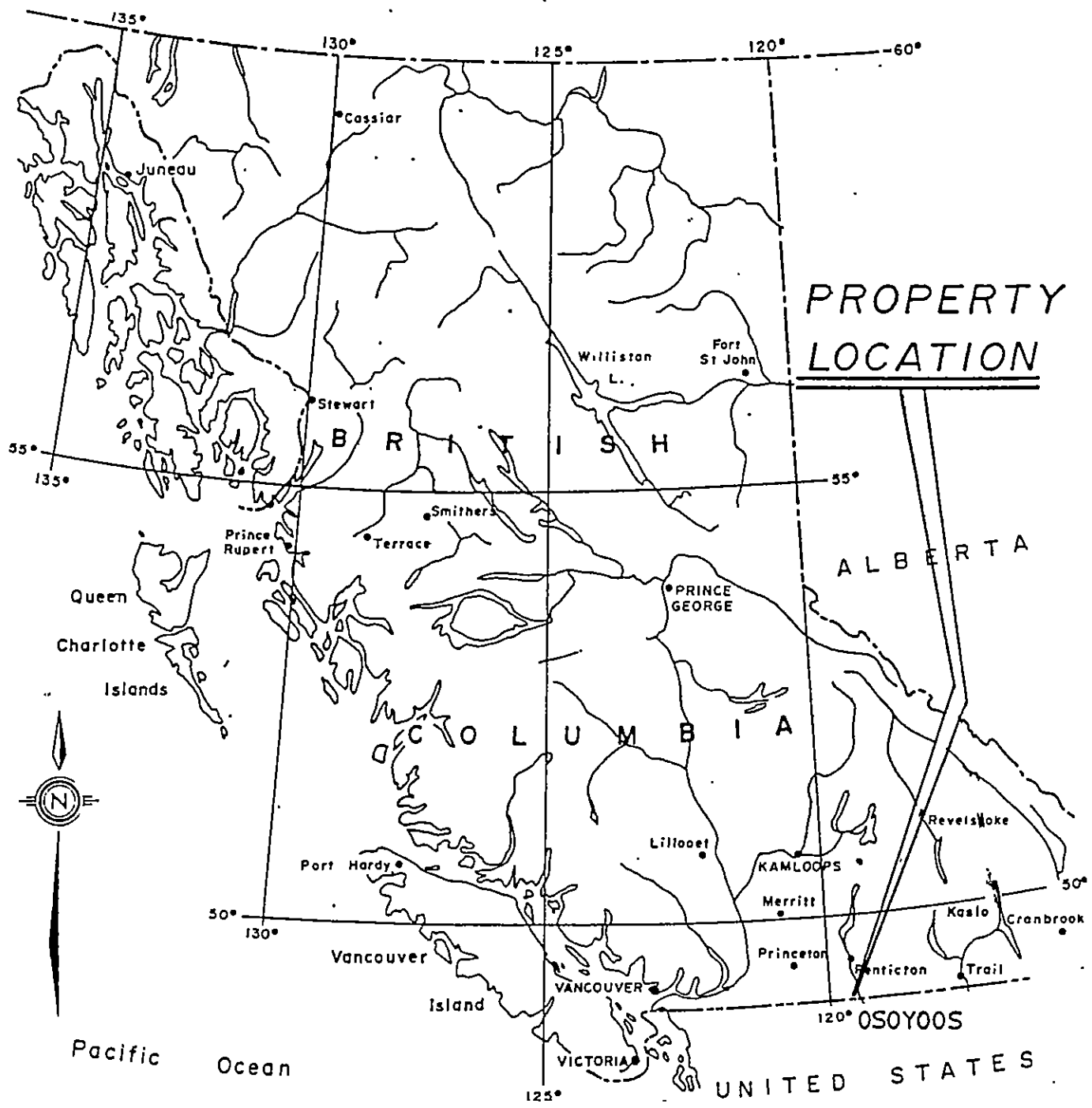
Respectfully submitted

RAY W. STEWART  
R.W. Stewart



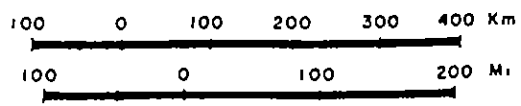
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MAP 1  
 WHITE/KNIGHT GROUP  
 LOCATION MAP

050Y005, B.C.  
 050Y005 M.D.



TO ACCOMPANY REPORT BY RW. STEWART

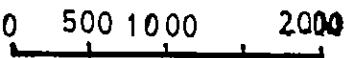


# MAP NO. 2

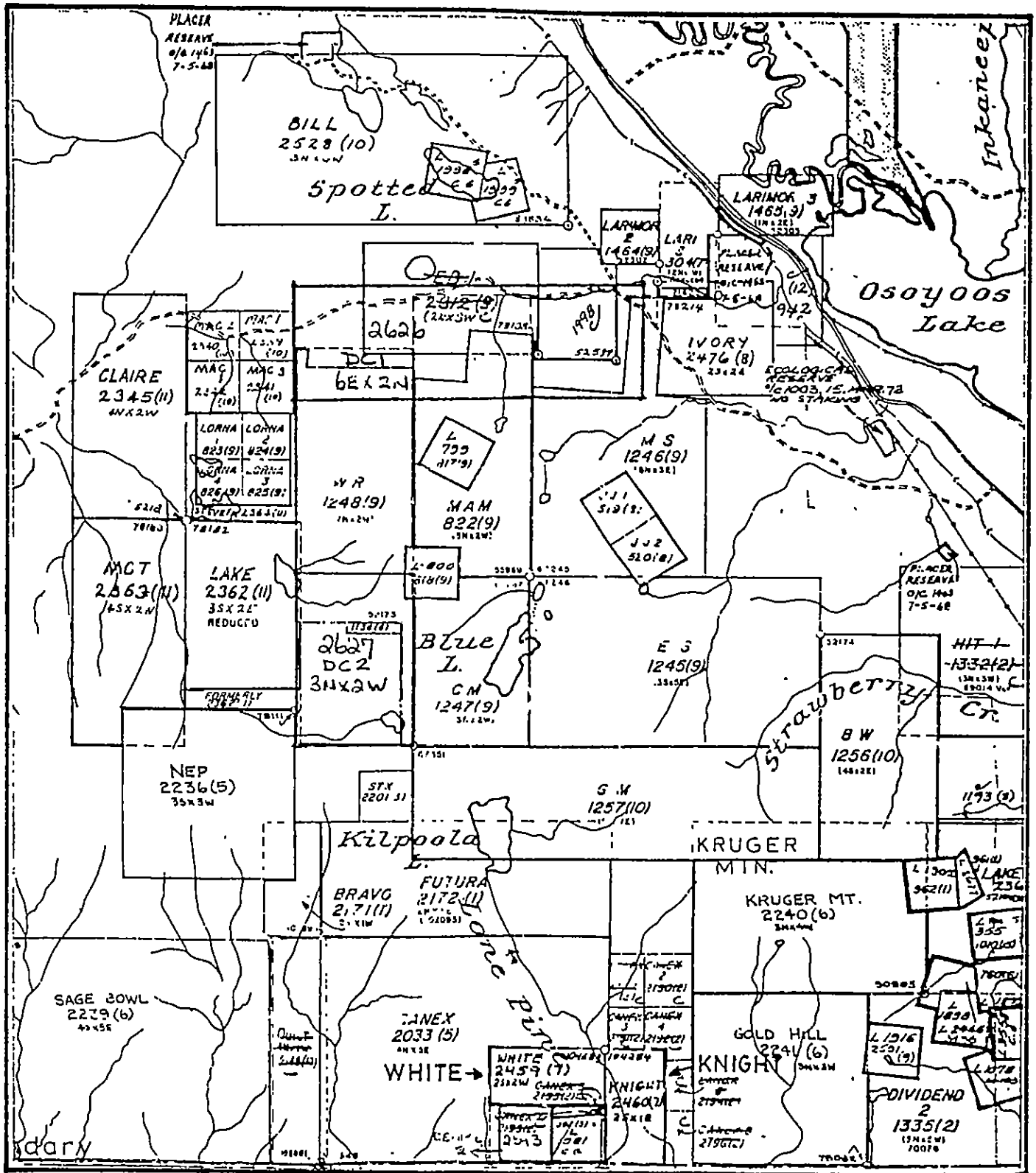
LOCATION/CLAIM MAP NTS:82E/4

WHITE/KNIGHT GROUP OSOYOOS, B.C.

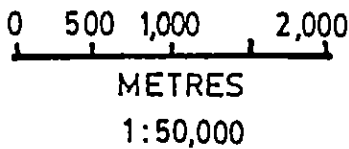
TO ACCOMPANY REPORT BY R.W. STEWART



METRES  
1: 50,000



### MAP NO. 3



LOCATION/CLAIM MAP NTS: 82E/4  
 WHITE/KNIGHT GROUP OSOYOOS, B.C.  
 TO ACCOMPANY REPORT BY R.W. STEWART



APPENDIX 1: FIELD NOTES & AUTHOR'S QUALIFICATIONS

FIELD NOTES : Depart Osoyoos, set altimeter at 900; to LCP  
 Altimeter, compass and hip-chain.

| <u>ELEVATION'</u> | <u>COMPASS</u> | <u>LOCATION</u> | <u>NOTES</u>   |
|-------------------|----------------|-----------------|--|
| 2550              | 180            | LCP             | LCP White/Knight   |
|                   |                | +50S            | Above creek bed  |
|                   |                | +100S           | At creek edge, water hole  |
| 2450              |                | +150S           | Creek bottom   |
| 2475              |                | +200S           | West side of creek   |
| 2500              |                | +250S           | On slope, outcrops 25m,<br>southeastern  |
| 2550              |                | +300S           | North of L.Pine on bench   |
| 2575              |                | +350S           | South of L.Pine 10M+2M EAST  |
|                   |                | +360S           | Outcrop  |
|                   |                | +400S           | Fence 5M south, drainage,<br>outcrops  |
|                   |                | +450S           | Outcrops   |
|                   |                |                 | 440S TO 480S outcrops  |
| 2625              |                | +500S           | Outcrops, open road 40M west,<br>sharp drop to bench, fence<br>100M east, creek 10M east,<br>line to massive outcrop to<br>east is 81°, road intersec-<br>tion at 68°, 311° to 2nd L.<br>Pine to west uphill |
| 2650              |                | +500S+50W       | Crosses road at 500S+45W   |
| 2675              |                | +100W           | Outcrops   |
| 2700              |                | +150W           | Outcrops, 35M-NW&SE  |
| 2725              |                | +200W           | Outcrops, 20M to crest of<br>ridge   |
| 2750              |                | +250W           | Peak 75M to west, outcrops 5M<br>west, 30M north.  |

2775 +300W Outcrops  
2800 +330W Crest, Peak 30M south  
+350W Outcrops  
2775 +395W Drainage to north, northeast  
+400W Drainage  
+500W Low ridge striking north,  
road east/west to south, road  
branch to south to Submarine  
Mine

May 9, 1987

Depart Osoyoos, set altimeter 900', to  
500s+500W.

Altimeter, compass, hip-chain and mag-  
netometer.

Run-in Baseline from 500S+500W to 500 metres  
north, 50 metre line spacings, line 0 set at  
500 metres north. Check line set at  
500S+500W to border, reads 500 meters on hip-  
chain. Retrace to line 0 and set-up mag-  
netometer for baseline readings.

| <u>ELEVATION</u> | <u>STATION</u> | <u>NOTES</u>   |
|------------------|----------------|--|
| 2800             | 000N           |  |
| 2825             | 50N            |  |
| 2850             | 100N           | Outcrops, top of ridge, 117M fence, 137M<br>outcrop, quartz float mineralized          |
| 2875             | 150N           |  |
| 2800             | 200N           | outcrops in and on both sides of E-W<br>drainage                                       |
| 2800             | 250N           | Outcrops   |
| 2800             | 300N           | Outcrops   |
| 2750             | 350N           | Outcrops, mineralization   |
| 2700             | 400N           | Outcrops, talus slope strike N-S,<br>quartz, iron copper stain, smears on<br>fractures |
| 2725             | 450N           | Ridge & talus slope to west, mineraliza-<br>tion pyrite                                |

2700                    500N                    Northern boundary White claim  
 2700                    550N                    Outcrop, quartz float  
 BASELINE READINGS

| <u>STATION</u> | <u>TIME</u> | <u>FIELD</u> |    | <u>READINGS</u> |
|----------------|-------------|--------------|----|-----------------|
|                |             | 2M           | 1M |                 |
| 500N           | 2:12        | 56282        |    | 56265           |
| 450N           | 2:14        | 56385        |    | 56388           |
| 400N           | 2:15        | 56514        |    | 56500           |
| 350N           | 2:16        | 56674        |    | 56650           |
| 300N           | 2:18        | 57076        |    | 57082           |
| 250N           | 2:19        | 57279        |    | 57261           |
| 200N           | 2:20        | 57628        |    | 57620           |
| 150N           | 2:21        | 57730        |    | 57701           |
| 100N           | 2:23        | 57860        |    | 57830           |
| 50N            | 2:25        | 57828        |    | 57794           |
| 000N           | 2:26        | 57659        |    | 57616           |
| 50S            | 2:27        | 57554        |    | 57397           |
| 100S           | 2:29        | 60372        |    | 60539           |
| 150S           | 2:30        | 57657        |    | 57627           |
| 200S           | 2:31        | 57423        |    | 57394           |

May 16, 1987

Depart Osoyoos, set altimeter at 900', to 500S+500W+500N(L0).  
 Altimeter, compass, hip-chain, magnetometer.

| <u>STATION</u> | <u>TIME</u> | <u>ELEVATION</u> | <u>READINGS</u> |       | <u>NOTES</u>  |
|----------------|-------------|------------------|-----------------|-------|---|
|                |             |                  | 2M              | 1M    |   |
| L0 0+00E       | 9:05        | 2700             | 56296           | 56273 |   |
| 0+50E          | 9:07        | 2675             | 56298           | 56287 | Outcrop, fine-grained, stained, quartz blebs.                                   |
| 1+00E          | 9:14        | 2650             | 56284           | 56256 | Outcrop, fine-grained, quartz blebs, sulphide smears, leaching, pyrite, sample. |
| 1+50E          | 9:16        | 2600             | 56232           | 56227 | Trail at 1+25E, strike north.<br>Trail at 1+80E, quartz float<br>1+80E.         |



|    |       |       |      |       |       |   |
|----|-------|-------|------|-------|-------|---|
|    | 2+00E | 9:21  | 2525 | 56181 | 56185 | Outcrop, fine-grained, quartz blebs, cooked, difficult to get fresh surface, definite prospect, possible drill site.    |
|    | 2+50E | 9:34  | 2500 | 56149 | 56121 |   |
|    | 3+00E | 9:36  | 2500 | 56330 | 56315 | Outcrop, stained, pyrite, quartite?, prospect possible drill site.  |
|    | 3+50E | 9:45  | 2475 | 56571 | 56550 |   |
|    | 4+00E | 9:47  | 2400 | 56519 | 56108 | Bottom of drainage, outcrops, quartz vein width on surface 10', sample, definite drill site. Road at 4+40E, strike N-S. |
|    | 4+50E | 10:02 | 2450 | 56374 | 56313 |   |
|    | 5+00E | 1004  | 2475 | 56831 | 56882 | Outcrop, sulphide stain, fine-grained, 5+00E is 10M east of LCP.  |
|    | 5+25E | 10:06 | 2475 | 56401 | 56324 | East edge of main road.   |
|    | 5+50E | 10:07 | 2475 | 56515 | 56458 |   |
| L1 | 5+50E | 10:12 | 2475 | 56766 | 56666 | East edge of main road.   |
|    | 5+25E | 10:12 | 2475 | 56720 | 56687 |   |
|    | 5+00E | 10:17 | 2475 | 56531 | 56466 | Blue quartz float, pyrite leached sample, 15M east of border line.  |
|    | 4+50E | 10:21 | 2450 | 56284 | 56245 | West edge of N-S road.  |
|    | 4+00E | 10.25 | 2475 | 56239 | 65197 | Outcrop 25M S-W, fine-grained, sulphide stain, quartz blebs, quartz float.  |
|    | 3+50E | 10:31 | 2475 | 56226 | 56183 | Outcrop, quartz veins - 5CM.  |
|    | 3+00E | 10:38 | 2475 | 56114 | 56085 | On bench, road at 2+90E.  |
|    | 2+50E | 10:42 | 2500 | 56198 | 56188 |   |
|    | 2+00E | 10:47 | 1550 | 56153 | 56152 | Outcrops, ridge.  |
|    | 1+50E | 10:49 | 2575 | 56172 | 56130 |   |
|    | 1+00E | 10:35 | 2650 | 56294 | 56240 | Outcrops, quartz float.   |

|          |       |      |       |       |  |
|----------|-------|------|-------|-------|--|
| 0+50E    | 10:55 | 2675 | 56186 | 56252 |  |
| 0+00E    | 10:58 | 2700 | 56330 | 56281 | 40M North of base station reading.   |
| 450N     | 11:00 | 2700 | 56389 | 56384 |  |
| 500N     | 11:03 | 2700 | 56286 | 56255 |  |
| L0 0+00W | 11:14 | 2700 | 56282 | 56242 | 0+25W - outcrop, fine-grained, sulphide stained, quartz veinlets, quartz float ridge, N-S for 100M, definite prospect, sample. |
| 0+50W    | 11:23 | 2800 | 56391 | 56385 | Outcrop continuous. 0+75W, drainage N-S, granite outcrop, sample.  |
| 1+00W    | 11:37 | 2825 | 56464 | 56462 | Outcrop, fine-grained, pyrite, intruded by veinlet same as 0+75W, quartz veinlets, definite prospect. 1+40W drainage N-S.      |
| 1+50W    | 11:45 | 2875 | 56289 | 56209 | Outcrop, fine-grained, ridge, west of drainage, definite prospect, sample.   |
| 2+00W    | 11:50 | 2825 | 56122 | 56056 | Outcrop, fine-grained, same as 1+50W, 2+25W fence, outcrop intruded by veinlets same as 0+75W.                                 |
| 2+50W    | 11:56 | 2800 | 55519 | 55445 |  |
| 3+00W    | 11:58 | 2800 | 57800 | 57641 | Outcrop.   |
| 2+75W    | 11:59 | 2800 | 56550 | 56519 |  |
| 2+87EW   | 12:00 | 2800 | 57314 | 57277 |  |
| 3+00W    | 12:01 | 2800 | 57780 | 57619 |  |
| 3+12W    | 12:01 | 2800 | 58640 | 58701 |  |
| 3+25W    | 12:02 | 2800 | 57712 | 57725 | Base of N-S ridge.   |
| 3+75W    | 12:07 | 2850 | 57617 | 57552 | Quartz float.  |
| 3+50W    | 12:08 | 2875 | 57496 | 57496 | Quartz float.  |
| 3+75W    | 12:16 | 2925 | 57543 | 57512 | Sample.  |
| 4+00W    | 12:17 | 2925 | 57573 | 57512 | Outcrops.  |

|      |       |       |      |       |       |   |
|------|-------|-------|------|-------|-------|---|
| ○    | 4+50W | 12:25 | 2950 | 58130 | 58007 | On ridge.                                   |
|      | 4+75W | 12:25 | 2925 | 58236 | 58114 |   |
|      | 5+00W | 12:27 | 2925 | 58381 | 58356 | 20M South of N-W corner White.              |
|      | 5+50W | 12:29 | 2925 | 58399 | 58456 |   |
| L1   | 5+50W | 12:32 | 2875 | 57937 | 57896 |   |
|      | 5+25W | 12:34 | 2875 | 58467 | 58485 | Drainage N-S, rusty, stained float.         |
|      | 5+00W | 12:36 | 2875 | 59282 | 59550 |   |
|      | 4+75W | 12:37 | 2900 | 59245 | 59178 |   |
|      | 4+50W | 12:39 | 2925 | 58924 | 58798 | Rock bluff, sample, review.                 |
|      | 4+00W | 12:44 | 2875 | 58689 | 58549 |   |
|      | 3+75W | 12:45 | 2850 | 57771 | 57732 |   |
|      | 3+50W | 12:47 | 2825 | 58682 | 58654 | Outcrop.                                    |
| ○    | 3+25W | 12:48 | 2800 | 58210 | 58125 |   |
|      | 3+00W | 12:48 | 2800 | 58320 | 58488 |   |
|      | 2+75W | 12:51 | 2800 | 56367 | 56235 | Outcrop.                                    |
|      | 2+87W | 12:51 | 2800 | 57294 | 57291 |   |
|      | 2+67W | 12:54 | 2800 | 56029 | 55932 |   |
|      | 2+50W | 12:54 | 2800 | 56040 | 55947 |   |
|      | 2+00W | 12:57 | 2800 | 56419 | 56310 | Outcrop, same as L0                         |
|      | 1+50W | 1:00  | 2825 | 56543 | 56564 | Outcrop, same as L0                         |
|      | 1+00W | 1:04  | 2825 | 56568 | 56540 | Fine-grained, pyrite, quartz float, sample. |
|      | 0+50W | 1:06  | 2900 | 56594 | 56476 | Outcrops, peak of bluff.                    |
|      | 450N  | 1:16  | 2700 | 56385 | 56317 | Line 30M south of 450N.                     |
|      | 0+00W | 1:19  | 2700 | 56409 | 56347 |   |
| ○ L1 | 0+00E | 1:22  | 2700 | 56327 | 56252 |   |

L0 0+00E 1:23 2700 56281 56239

June 6, 1987

Depart Osoyoos, set altimeter at 900', to L2 0+00E.  
Altimeter, compass, hip-chain, magnetometer, drill.

|          |      |      |       |       |  |
|----------|------|------|-------|-------|--|
| L2 0+00E | 8:17 | 2700 | 56503 | 56488 | Talus slope.   |
| 0+50E    | 8:20 | 2675 | 56381 | 56333 |  |
| 1+00E    | 8:22 | 5650 | 56285 | 56243 | Drainage at 1+10E, N-S.  |
| 1+50E    | 8:23 | 2675 | 56251 | 56173 |  |
| 2+00E    | 8:25 | 2625 | 56143 | 56094 |  |
| 2+50E    | 8:27 | 3575 | 55960 | 55887 |  |
| 3+00E    | 8:32 | 2575 | 55965 | 55943 |  |
| 3+50E    | 8:34 | 2475 | 55888 | 55859 | 5M west of road, strike N-S.   |
| 4+00E    | 8:37 | 2425 | 55954 | 55917 | Outcrop, drainage E-W, sample, Shale (schistose?), sheen on the fracture, cooked, underlain by L2 4+00E 'A', strike 355, dip 30, quartz float. |
| 4+50E    | 8:48 | 2350 | 56117 | 56080 | Drainage N-S, 20M south of excavation.   |
| 5+00E    | 8:35 | 2375 | 56226 | 56159 | 10M East of boundary at 1+35S.   |
| 5+50E    | 8:58 | 2425 | 56402 | 56384 |  |
| L3 5+50E | 9:00 | 2425 | 56308 | 56205 |  |
| 5+00E    | 9:03 | 2400 | 55951 | 55861 | East edge of drainage, road N-S. 20M east of boundary at 1+75S.  |
| 4+50E    | 9:12 | 2400 | 56016 | 55958 |  |
| 4+00E    | 9:15 | 2475 | 55876 | 55876 | 3+85E road N-S.  |
| 3+50E    | 9:19 | 2500 | 55704 | 55670 |  |
| 3+00E    | 9:21 | 2525 | 55793 | 55752 |  |
| 2+50E    | 9:30 | 2650 | 56038 | 55994 |  |

|          |       |      |       |       |   |
|----------|-------|------|-------|-------|---|
| 2+00E    | 9:33  | 2700 | 56242 | 56197 |   |
| 1+50E    | 9:34  | 2700 | 56378 | 56310 |   |
| 1+00E    | 9:37  | 2675 | 56482 | 56435 | Drainage at 1+15E, open to south.   |
| 0+50E    | 9:40  | 2675 | 56558 | 56496 | Outcrop, sample L3 0+25E, fine-grained, dark grey.  |
| 0+00E    | 9:43  | 2700 | 56762 | 56724 | 5M east of base line at B/L 340N.   |
| 350N     | 9:52  | 2700 | 56674 | 56568 |   |
| L2 0+00W | 9:55  | 2700 | 56511 | 56476 | 9:35 to 10:07 Break.  |
| 0+50W    | 10:24 | 2700 | 56623 | 56592 | Outcrop, cliff edge N-S, sample, fine-grained, dark grey, quartz float 0+75W sample, same as 0+50W but more cooked. |
| 1+00W    | 10:40 | 2750 | 56592 | 56530 | Outcrop, dark grey, quartz veinlets, N-S, sample 1+15W.   |
| 1+50W    | 10:48 | 2800 | 56596 | 56564 | 20M, south of L1, 10M west of L1 1+50W sample, dark grey.   |
| 2+00W    | 10:52 | 2750 | 56434 | 56364 | At fence, outcrop, reading taken 5M East, sample, dark grey, granite contact.                                       |
| 2+50W    | 10:56 | 2725 | 56119 | 56061 | 5M south of L1, 15M west of L1 2+50W, drainage N-S.   |
| 2+65W    | 10:59 | 2725 | 56128 | 56024 |   |
| 2+75W    | 10:59 | 2725 | 56644 | 56502 |   |
| 2+87W    | 10:59 | 2725 | 57706 | 57680 |   |
| 3+00W    | 11:00 | 2725 | 57433 | 57338 |   |
| 3+12W    | 11:01 | 2725 | 57859 | 57741 |   |
| 3+25W    | 11:02 | 2725 | 57990 | 57916 |   |
| 3+37W    | 11:05 | 2750 | 58339 | 58190 | Outcrop, possible drill site, various rock types, 2 samples taken.  |
| 3+50W    | 11:08 | 2750 | 56632 | 56535 | 10M south of L1, 5M west of L1 3+50W.   |

|       |       |       |       |       |   |
|-------|-------|-------|-------|-------|---|
| 3+75W | 11:21 | 2775  | 59118 | 58912 |   |
| 3+62W | 11:21 | 2750  | 58945 | 59244 | At high readings, outcrops, overburden. |
| 3+75W | 11:26 | 2775  | 59057 | 58854 |   |
| 3+87W | 11:26 | 2800  | 61725 | 61995 |   |
| 4+00W | 11:27 | 2800  | 61311 | 61403 | 25M south of L1 4+00W AND 4M west.      |
| 4+12W | 11:31 | 28256 | 60379 | 60305 |   |
| 4+25W | 11:34 | 2825  | 59785 | 59628 |   |
| 4+37W | 11:35 | 2850  | 60597 | 60630 | Quartz float.                           |
| 4+50W | 11:36 | 2850  | 60356 | 60119 | Over edge of ridge.                     |
| 4+67W | 11:38 | 2825  | 59583 | 59426 |   |
| 4+75W | 11:38 | 2800  | 59172 | 59192 |   |
| 4+87W | 11:40 | 2775  | 58352 | 58136 |   |
| 5+00W | 11:42 | 2775  | 58970 | 58927 |   |
| 5+25W | 11:44 | 2775  | 57960 | 57786 |   |
| 5+50W | 11:45 | 2800  | 58310 | 58165 |   |
| 5+50W | 11:46 | 2800  | 60191 | 60441 |   |
| 5+25W | 11:46 | 2800  | 60234 | 60415 |   |
| 5+00W | 11:47 | 2775  | 61262 | 61290 | West edge of drainage N-S.              |
| 4+87W | 11:52 | 2750  | 60785 | 60691 |   |
| 4+75W | 11:52 | 5750  | 60726 | 60655 |   |
| 4+62W | 11:54 | 2750  | 60458 | 60355 |   |
| 4+50W | 11:54 | 2750  | 61218 | 61256 |   |
| 4+37W | 11:55 | 2775  | 62942 | 62919 | Quartz float.                           |
| 4+25W | 11:57 | 2750  | 64556 | 64845 |   |
| 4+25W | 11:57 | 2750  | 64621 | 64910 | Quartz float.                           |
| 4+12W | 11:57 | 2750  | 61132 | 60869 | End of ridge.                           |

|       |       |      |       |       |  |
|-------|-------|------|-------|-------|--|
| 4+18W | 11:58 | 1750 | 63494 | 63559 |  |
| 4+06W | 12:03 | 2750 | 63003 | 63226 | Quartz float.  |
| 4+12W | 12:04 | 2750 | 60779 | 60559 |  |
| 4+00W | 12:05 | 2750 | 63767 | 63834 |  |
| 3+94W | 12:06 | 2750 | 64708 | 64855 |  |
| 3+87W | 12:07 | 2750 | 65756 | 65694 |  |
| 3+81W | 12:08 | 2725 | 65732 | 65731 |  |
| 3+75W | 12:10 | 2725 | 63499 | 63478 |  |
| 3+62W | 12:12 | 2725 | 60975 | 60780 | Outcrop on ridge, N-S.   |
| 3+50W | 12:13 | 2725 | 60450 | 60332 |  |
| 3+42W | 12:15 | 2725 | 59067 | 58847 | Outcrop on ridge, N-S.   |
| 3+37W | 12:16 | 2700 | 58586 | 58589 |  |
| 3+25W | 12:17 | 2700 | 58767 | 58602 | Drainage N-S, quartz float.  |
| 3+12W | 12:18 | 2700 | 58445 | 58537 | Drainage N-S.  |
| 3+00W | 12:19 | 2700 | 58281 | 58097 |  |
| 2+75W | 12:19 | 2700 | 56813 | 65699 | Break.   |
| 2+50W | 12:32 | 2725 | 56612 | 56616 |  |
| 2+25W | 12:33 | 2725 | 56279 | 56215 |  |
| 2+00W | 12:34 | 2725 | 56478 | 56384 |  |
| 1+50W | 12:47 | 2725 | 56672 | 56634 | 1+75W fence, sample.<br>1+58W outcrop, sample, dark grey<br>same as L2.<br>1+40W to 1+45W sample, dark grey<br>same as L2 but shale. |
| 1+00W | 12:51 | 2700 | 56776 | 56714 | 0+80W, outcrop, possible drill<br>site, dark grey, heavily mineral-<br>ized, pyrite.   |

|          |       |      |       |       |  |
|----------|-------|------|-------|-------|--|
| ○ 0+50W  | 12:58 | 2750 | 56801 | 56756 | Outcrop, mineralized, sample, quartz vein 4' wide, strike 340 , 5M north of L3 0+50W, runs at least 25M, overburden. |
| 0+00W    | 1:14  | 2675 | 56765 | 56704 |  |
| 350N     | 1:15  | 2675 | 56678 | 56563 |  |
| L2 0+00E | 1:17  | 2675 | 56516 | 56451 |  |

Drill sample core:  
Drill hole #1

L0 4+00E + 15 metres south, 10 metres west of Lone Pine Creek.  
Quartz outcrop, strike 360 , dip SSE  
Core barrel jammed, lost core, recovered 10"  
Drill hole #1 filings sampled.

June 7, 1987

Depart Osoyoos, set altimeter 900', to L4 0+00E.  
Altimeter, compass, hip-chain, magnetometer, drill.

|          |       |      |       |       |   |
|----------|-------|------|-------|-------|---|
| L4 0+00E | 9:42  | 2700 | 57064 | 57038 | B/L 300N.   |
| ○ 0+50E  | 9:44  | 3650 | 56809 | 56753 |   |
| 1+00E    | 9:46  | 2625 | 56707 | 56668 | In Drainage bowl.   |
| 1+50E    | 9:47  | 2650 | 56591 | 56530 | East edge of bowl.  |
| 2+00E    | 9:49  | 2650 | 56475 | 56436 |   |
| 2+50E    | 9:51  | 2575 | 56275 | 56249 |   |
| 3+00E    | 9:52  | 2550 | 55901 | 55851 |   |
| 3+50E    | 9:54  | 2500 | 55434 | 55403 | 2 samples L4 3+50E+20S.                                       |
| 4+00E    | 10:08 | 2450 | 55539 | 55520 |   |
| 4+50E    | 10:10 | 2450 | 55915 | 55898 | 4+25E road at N-S., 3 samples, 4+50E, 'A', 'B'.               |
| 4+00E    | 10:31 | 2400 | 55973 | 55957 | 7 metres east of 0+250S, outcrop, cliff, sample L4 5+00E+25S. |
| 5+50E    | 10:33 | 2400 | 55918 | 55876 |   |
| L5 5+50E | 10:37 | 2400 | 55927 | 55892 |   |
| ○ 5+00E  | 10:45 | 2425 | 55905 | 55882 | 15 metres NE of 300S.   |



|    |       |       |      |       |       |  |
|----|-------|-------|------|-------|-------|--|
|    | 4+50E | 10:47 | 2475 | 55699 | 55653 | Road at 4+45.  |
|    | 4+00E | 10:52 | 2500 | 55314 | 55273 | Sample, 50 metres west of road, 3+80E+5N.                                  |
|    | 3+50E | 11:06 | 2500 | 55483 | 55400 |  |
|    | 3+00E | 11:08 | 2575 | 56805 | 56781 |  |
|    | 2+50E | 11:11 | 2675 | 56874 | 56826 | Sample.  |
|    | 2+00E | 11:15 | 2675 | 56947 | 56906 |  |
|    | 1+50E | 11:17 | 2650 | 57023 | 56970 | East edge of bowl.   |
|    | 1+00E | 11:18 | 2650 | 57118 | 57087 |  |
|    | 0+50E | 11:20 | 2675 | 57214 | 57191 | West edge of bowl, sample 0+30E+10N, sample 0+25E, north end of ridge N-S. |
|    | 0+00E | 11:29 | 2750 | 57248 | 57198 | At B/L 0+250N.   |
| L4 | 0+00E | 11:30 | 2750 | 57055 | 57053 |  |
| L4 | 0+00W | 11:34 | 2750 | 57011 | 56977 | Quartz float.  |
|    | 0+50W | 11:35 | 2750 | 56960 | 56941 | Quartz float. Break.   |
|    | 1+00W | 11:54 | 2750 | 56933 | 56917 | Sample 0+80W.  |
|    | 1+50W | 11:57 | 2750 | 56769 | 56690 | Sample 1+10W, 1+50W fence, reading 5 metres east, outcrops 1+00 to 1+50.   |
|    | 2+00W | 12:03 | 2750 | 56555 | 56510 | Sample 1+30, 1+75, road 1+80 N-S.  |
|    | 2+25W | 12:06 | 2750 | 56592 | 56515 | Sample 2+20W, quartz, feld spars, biotite, foliated.                       |
|    | 2+50W | 12:06 | 2750 | 56603 | 56539 |  |
|    | 3+00W | 12:08 | 2700 | 56039 | 55923 |  |
|    | 3+25N | 12:09 | 2700 | 56710 | 56246 | Quartz float, outcrop, sample 10 metres S.W.                               |
|    | 3+50W | 12:10 | 2725 | 65510 | 66513 |  |
|    | 3+44w | 12:10 | 2725 | 64740 | 64759 |  |

|    |       |       |      |       |       |                  |
|----|-------|-------|------|-------|-------|------------------|
| ○  | 3+37W | 12:10 | 2725 | 62737 | 63109 |                  |
|    | 3+31W | 12:10 | 2725 | 58584 | 56679 |                  |
|    | 3+34W | 12:11 | 2725 | 61938 | 62333 |                  |
|    | 3+50W | 12:15 | 2725 | 65506 | 66512 |                  |
|    | 3+56W | 12:15 | 2725 | 62341 | 62513 |                  |
|    | 3+62W | 12:15 | 2725 | 60354 | 60117 |                  |
|    | 3+67W | 12:16 | 2725 | 60863 | 61292 |                  |
|    | 3+75W | 12:17 | 2725 | 60709 | 60880 |                  |
|    | 3+81W | 12:19 | 2725 | 60385 | 60432 |                  |
|    | 3+87W | 12:19 | 2725 | 59176 | 59063 |                  |
|    | 3+93W | 12:20 | 2725 | 59434 | 59578 | Quartz float.    |
|    | 4+00W | 12:20 | 2725 | 59509 | 59608 |                  |
|    | 4+06W | 12:22 | 2725 | 59320 | 59087 |                  |
| ○  | 4+12W | 12:22 | 2725 | 60214 | 60427 |                  |
|    | 4+19W | 12:22 | 2725 | 60012 | 60062 |                  |
|    | 4+25W | 12:23 | 2725 | 59961 | 59885 |                  |
|    | 4+31W | 12:23 | 2725 | 60331 | 60174 |                  |
|    | 4+37W | 12:24 | 2725 | 60651 | 60601 |                  |
|    | 4+43W | 12:25 | 2725 | 59829 | 59655 |                  |
|    | 4+50W | 12:25 | 2725 | 59722 | 59698 | Stand of poplar. |
|    | 4+62W | 12:25 | 2725 | 60816 | 61003 |                  |
|    | 4+75W | 12:25 | 2725 | 58981 | 58768 |                  |
|    | 5+00W | 12:28 | 2825 | 58640 | 58523 |                  |
|    | 5+50W | 12:30 | 2825 | 58703 | 58642 |                  |
| L5 | 5+50W | 12:33 | 2825 | 60396 | 60385 |                  |
| ○  | 5+00W | 12:34 | 2750 | 59351 | 59472 |                  |

|       |       |      |       |       |                             |
|-------|-------|------|-------|-------|-----------------------------|
| 4+75W | 12:35 | 2725 | 57850 | 57755 |                             |
| 4+50W | 12:37 | 2700 | 57662 | 57647 |                             |
| 4+25W | 12:37 | 2700 | 57276 | 57231 |                             |
| 4+12W | 12:37 | 2700 | 57483 | 57444 |                             |
| 4+00W | 12:38 | 2675 | 57372 | 57272 |                             |
| 2+65W | 12:38 | 2675 | 58520 | 58334 |                             |
| 3+62W | 12:39 | 2675 | 62393 | 62586 |                             |
| 3+67W | 12:39 | 2675 | 59514 | 59378 |                             |
| 3+56W | 12:40 | 2675 | 65064 | 66649 |                             |
| 3+50W | 12:40 | 2675 | 60721 | 60756 |                             |
| 3+43W | 12:40 | 2675 | 58254 | 58058 |                             |
| 3+37W | 12:41 | 2675 | 57317 | 57168 |                             |
| 3+31W | 12:42 | 2675 | 57232 | 57040 |                             |
| 3+25W | 12:43 | 2700 | 57384 | 57279 |                             |
| 3+12W | 12:44 | 2725 | 56813 | 56709 |                             |
| 3+00W | 12:55 | 2775 | 57617 | 57735 |                             |
| 2+75W | 12:56 | 2775 | 57266 | 57201 |                             |
| 2+50W | 12:57 | 2775 | 57354 | 57314 |                             |
| 2+25W | 1:00  | 2775 | 57109 | 57121 |                             |
| 2+00W | 1:01  | 2775 | 56572 | 56438 | Outcrop, ridge running N-S. |
| 1+75W | 1:03  | 2725 | 56980 | 56948 | Quartz float.               |
| 1+50W | 1:04  | 2750 | 57021 | 56958 | Outcrop, ridge running N-S. |
| 1+25W | 1:05  | 2750 | 57047 | 56998 | 1+30 fence.                 |
| 1+00W | 1:07  | 2725 | 57106 | 57054 | Outcrop.                    |
| 0+75W | 1:08  | 2700 | 57210 | 57176 | Outcrop.                    |
| 0+50W | 1:09  | 2700 | 57434 | 57441 | Outcrop.                    |

|   |          |      |      |       |       |                              |
|---|----------|------|------|-------|-------|------------------------------|
| ○ | 0+25W    | 1:10 | 2700 | 57535 | 57587 | Outcrop.                     |
|   | L5 0+00W | 1:11 | 2700 | 57360 | 57307 | Outcrop, 20M S of BL 0+250N. |
|   | 250N     | 1:15 | 2700 | 57253 | 57228 | 20M N of L5 0+00.            |
|   | L4 0+00W | 1:17 | 2700 | 57057 | 57041 | BL 0+300N.                   |

June 20, 1987

Depart Osoyoos, set altimeter at 900', to L6 0+00E  
 Altimeter, compass, hip-chain, magnetometer,  
 drill.

|   |          |       |      |       |       |   |
|---|----------|-------|------|-------|-------|---|
|   | L6 0+00E | 10:08 | 2650 | 57608 | 57584 | Outcrop, sample, 0+15E, quartz stringers, strike 360, weathered, 50 metres. |
|   | 0+50E    | 10:24 | 2650 | 57785 | 57746 |   |
|   | 1+00E    | 10:19 | 2600 | 57914 | 57849 | Sample 1+00E.   |
|   | 1+50E    | 10:29 | 2660 | 58078 | 58006 | South end of bowl.  |
|   | 2+00E    | 10:30 | 2625 | 57929 | 57889 |   |
| ○ | 2+50E    | 10:31 | 2625 | 58129 | 58194 | Quartz float 2+75E  |
|   | 3+00E    | 10:34 | 2600 | 58240 | 58210 | Sample, 3+00E, outcrop, highly weathered.                                   |
|   | 3+50E    | 10:38 | 2575 | 57399 | 57403 |   |
|   | 4+00E    | 10:40 | 2550 | 54973 | 54920 | Outcrops, road at 3+80 N-S, sample 4+00E.                                   |
|   | 3+75E    | 10:41 | 2550 | 54881 | 54644 |   |
|   | 4+50E    | 10:52 | 2450 | 55430 | 55418 | Outcrop, sample, weathered.   |
|   | 5+00E    | 10:53 | 2425 | 55594 | 55578 |   |
|   | 5+50E    | 10:55 | 2400 | 55862 | 55854 |   |
|   | L7 5+50E | 10:59 | 2400 | 55466 | 55632 | 5 metres south of fence.  |
|   | 5+00E    | 11:01 | 2425 | 55489 | 55446 | Drainage at 4+70E, strike NE sample 4+70E, weathered.                       |
|   | 4+50E    | 11:09 | 2500 | 55319 | 55344 | 50 metres south of road switch-back, sample 4+50E, quartz float.            |
| ○ | 4+25E    | 11:14 | 2525 | 55818 | 55761 |   |

|       |       |      |       |       |   |
|-------|-------|------|-------|-------|---|
| 4+00E | 11:16 | 2525 | 56780 | 56767 | Road and gate at 4+15E N.S. Tag #653325 at 4+00E.   |
| 3+50E | 11:24 | 2600 | 59005 | 59011 | Sample.   |
| 3+75E | 11:26 | 1600 | 58627 | 58643 | Quartz float.   |
| 3+25E | 11:27 | 2600 | 59812 | 59814 |   |
| 3+00E | 11:28 | 2600 | 60493 | 60525 | Outcrop 100 metres, sample 2+80E+15S, strikes N.W., dips S.W. sample taken at intervals over 25 metres. |
| 2+75E | 11:35 | 2600 | 60468 | 60510 |   |
| 2+50E | 11:36 | 2625 | 59854 | 59867 |   |
| 2+25E | 11:38 | 2625 | 59406 | 59405 |   |
| 2+00E | 11:38 | 2625 | 59156 | 59112 |   |
| 1+50E | 11:39 | 2625 | 58965 | 58950 | Drainage, south of bowl.  |
| 1+25E | 11:41 | 2625 | 58740 | 58733 |   |
| 1+00E | 11:43 | 2625 | 58567 | 58527 |   |
| 0+50E | 11:45 | 2650 | 58120 | 58089 | Quartz float, sample, 0+20E.  |
| 0+00E | 11:49 | 2700 | 57815 | 57766 | Peak 150N 40 metres north of fence, L7 50 metres south of 200N.   |

Drill hole #2 at L3 0+80W, outcrop strikes 286 , dips 44 , DDH#2 strikes 65 , dips 39 .

June 21, 1987

|          |       |      |       |       |   |
|----------|-------|------|-------|-------|---|
| L6 0+00W | 10:02 | 2675 | 57604 | 57594 | Outcrop 0+25W.  |
| 0+50W    | 10:04 | 2675 | 57318 | 57259 |   |
| 1+00W    | 10:07 | 2700 | 57377 | 57341 | Fence 10 metres east, sample, definite drill site 1+15W, dark grey, mineralized, quartz vein. |
| 1+50W    | 10:26 | 2700 | 57052 | 56928 | Outcrop, sample 1+55W, sample 1+70W.  |
| 2+00W    | 10:33 | 2700 | 57067 | 57027 | Outcrop.  |

|       |       |      |       |       |  |
|-------|-------|------|-------|-------|--|
| 2+50W | 10:37 | 2725 | 57479 | 57374 | Sample, outcrop 2+60W.   |
| 2+80W |       |      |       |       | Sample.  |
| 3+00W | 10:44 | 2725 | 57708 | 57658 | Bubbly material same as 2+60 found at 3+00; intruding material same as 3+00; could be boulder. |
| 3+50W | 10:50 | 2650 | 63521 | 63747 |  |
| 3+25W | 10:50 | 2675 | 58553 | 58569 | On top of rock same as 3+00  |
| 3+37W | 10:52 | 2675 | 59293 | 59178 |  |
| 3+42W | 10:52 | 2675 | 61209 | 61121 |  |
| 3+50W | 10:52 | 2675 | 63487 | 63645 |  |
| 3+57W | 10:53 | 2675 | 62471 | 62233 |  |
| 3+62W | 10:54 | 2675 | 61593 | 61852 |  |
| 3+75W | 10:55 | 2675 | 58324 | 58091 |  |
| 3+87W | 10:55 | 2675 | 57611 | 57395 |  |
| 4+00W | 10:56 | 2675 | 57956 | 57882 |  |
| 4+50W | 10:57 | 2675 | 59663 | 59848 |  |
| 4+25W | 10:59 | 2675 | 57751 | 57655 |  |
| 5+00W | 11:01 | 2725 | 58145 | 58042 |  |
| 5+50W | 11:02 | 2750 | 59018 | 58929 |  |
| LN7   |       |      |       |       |  |
| 5+50W | 11:06 | 2700 | 58652 | 58598 |  |
| 5+00W | 11:08 | 2700 | 61563 | 61821 |  |
| 5+10W |       |      |       |       | Sample, black rock.  |
| 4+50W | 11:10 | 2675 | 57725 | 57337 |  |
| 4+00W | 11:11 | 2675 | 58266 | 58253 |  |
| 3+50W | 11:13 | 2675 | 58812 | 58734 |  |
| 3+75W | 11:14 | 2675 | 58519 | 58287 |  |

|          |       |      |       |       |  |
|----------|-------|------|-------|-------|--|
| 3+50W    |       |      |       |       | Sample.  |
| 3+25W    | 11:16 | 2700 | 57943 | 57800 | Sample.  |
| 3+00W    | 11:18 | 2700 | 57934 | 57879 | Sample.  |
| 2+50W    | 11:23 | 2675 | 57256 | 57184 | Sample.  |
| 2+10W    |       |      |       |       | Trail S.E.                                       |
| 2+00W    | 11:26 | 2675 | 57180 | 57141 |  |
| 1+50W    | 11:27 | 2700 | 57527 | 57552 |  |
| 1+25W    |       |      |       |       | Sample. Definite drill site, prospect in detail. |
| 1+00W    | 11:30 | 2675 | 57552 | 57491 | At fence corner.                                 |
| 0+50W    | 11:31 | 2675 | 57969 | 57928 | 5M S of fence.                                   |
| L7 0+00W | 11:32 | 2700 | 57819 | 57759 | Sample L7 0+00W +20MN, quartz float.             |
| BL0+150N | 11:34 | 2700 | 57716 | 57677 |  |
| 6 0+00   | 11:37 | 2675 | 57603 | 57572 |  |

Drill hole #3 at L6 0+75W +10M North, strike 282 , dip 42 .

Drill hole #4 L5 1+15W, 5M north, core remaining in hole, strike 278 , dip 48 .

Drill hole #5 at L6 1+15W, 10M north, strike 268 , dip 32 .

June 28, 1987 Depart Osoyoos, set sltimeter at 900' to L8 0+00W Altimeter, Compass, hep-chain, magnetometer, drill.

|          |      |      |       |       |  |
|----------|------|------|-------|-------|--|
| 18 0+00W | 5:58 | 2700 | 58018 | 57986 | 10M N of BL 0+50N  |
| 0+50W    | 6:00 | 2675 | 57545 | 57448 | Road crosses at 0+60W.   |
| 0+75W    |      |      |       |       | Sample.  |
| 0+80W    |      |      |       |       | Sample, also 0+80W 'A' - sits on top of and intrudes the others. Quartz float, 8" boulder. |

|       |      |      |       |       |                              |
|-------|------|------|-------|-------|------------------------------|
| 1+00W | 6:09 | 2700 | 57025 | 56903 | Outcrops, same as 0+80W      |
| 1+50W | 6:11 | 2700 | 63157 | 63977 |                              |
| 1+25W | 6:13 | 2700 | 59284 | 59631 | Outcrops.                    |
| 1+37W | 6:14 | 2700 | 58709 | 58341 |                              |
| 1+43W | 6:14 | 2700 | 60269 | 60219 |                              |
| 1+46W | 6:14 | 2700 | 61339 | 61484 |                              |
| 1+50W | 6:15 | 2700 | 63175 | 64050 |                              |
| 1+25W |      |      |       |       | Sample. Definite drill site. |
| 1+56W | 6:20 | 2700 | 65232 | 66439 |                              |
| 1+62W | 6:20 | 2700 | 62930 | 63306 |                              |
| 1+69W | 6:21 | 2700 | 60304 | 60158 |                              |
| 1+75W | 6:23 | 2700 | 59840 | 59767 |                              |
| 1+81W | 6:24 | 2700 | 59784 | 59699 |                              |
| 1+90W | 6:25 | 2700 | 59789 | 59940 |                              |
| 1+96W | 6:25 | 2700 | 59761 | 59790 |                              |
| 2+00W | 6:26 | 2700 | 59470 | 59506 | Sample.                      |
| 2+06W | 6:29 | 2700 | 59361 | 59558 |                              |
| 2+12W | 6:30 | 2700 | 59158 | 59204 |                              |
| 2+18W | 6:30 | 2700 | 58734 | 58750 |                              |
| 2+35W | 6:32 | 2675 | 58696 | 58829 | In drainage.                 |
| 2+31W | 6:33 | 2675 | 57955 | 57916 |                              |
| 2+37W | 6:33 | 2675 | 57309 | 57259 |                              |
| 2+43W | 6:34 | 2675 | 57067 | 56877 |                              |
| 2+50W | 6:35 | 2700 | 57492 | 57523 | Sample, outcrop.             |
| 2+75W |      |      |       |       | Sample.                      |
| 2+90W |      |      |       |       | Sample, 2+90 +5F.            |



|          |      |      |       |       |                        |
|----------|------|------|-------|-------|------------------------|
| 3+00W    | 6:43 | 2675 | 57435 | 57485 | 3+00+5N, Sample.       |
| 3+25W    |      |      |       |       | Sample.                |
| 3+12W    | 6:51 | 2675 | 58702 | 58510 |                        |
| 3+19W    | 6:51 | 2675 | 59490 | 59345 |                        |
| 3+25W    | 6:52 | 2675 | 61288 | 61559 |                        |
| 3+31W    | 6:53 | 2675 | 61881 | 61720 |                        |
| 3+38W    | 6:54 | 2675 | 60939 | 60949 |                        |
| 3+43W    | 6:54 | 2675 | 60404 | 60362 |                        |
| 3+50W    | 6:55 | 2675 | 60181 | 60179 |                        |
| 3+45W    | 6:56 | 2675 | 60645 | 60677 |                        |
| 3+62W    | 6:57 | 2675 | 60956 | 60966 |                        |
| 3+69W    | 6:57 | 2675 | 63282 | 64088 |                        |
| 3+75W    | 6:58 | 2675 | 62364 | 62572 |                        |
| 3+81W    | 6:58 | 2675 | 60777 | 61019 |                        |
| 3+87W    | 6:59 | 2675 | 58862 | 58623 |                        |
| 3+93W    | 6:59 | 2675 | 58057 | 57798 |                        |
| 4+00W    | 7:00 | 2675 | 57783 | 57604 | Sample.                |
| 3+81+10S |      |      |       |       | Sample. Break 10 min.  |
| 4+25W    |      |      |       |       | Sample.                |
| 4+25W    | 7:16 | 2675 | 57864 | 57404 |                        |
| 4+50W    | 7:18 | 2650 | 58343 | 58212 | Quartz. Vein? Boulder? |
| 4+75W    | 7:20 | 2650 | 61695 | 61998 |                        |
| 4+62W    | 7:20 | 2650 | 58968 | 58762 |                        |
| 4+82W    | 7:21 | 2650 | 60837 | 60680 |                        |
| 4+93W    | 7:22 | 2650 | 61294 | 61629 |                        |
| 5+00W    | 7:23 | 2650 | 59563 | 59486 |                        |

|    |       |      |      |       |       |                              |
|----|-------|------|------|-------|-------|------------------------------|
| ○  | 5+50W | 7:24 | 2675 | 58096 | 57932 |                              |
| L9 | 5+50W | 7:26 | 2650 | 57281 | 57160 | At E edge of meadow.         |
|    | 5+00W | 7:27 | 2650 | 57482 | 57388 | At SW edge of meadow.        |
|    | 4+50W | 7:29 | 2650 | 58387 | 58324 | In meadow.                   |
|    | 4+75W | 7:30 | 2650 | 58081 | 57976 |                              |
|    | 4+25W | 7:31 | 2650 | 57974 | 57946 |                              |
|    | 4+00W | 7:32 | 2650 | 58032 | 57981 |                              |
|    | 3+75W | 7:33 | 2650 | 57920 | 57930 |                              |
|    | 3+50W | 7:34 | 2650 | 57155 | 57058 |                              |
|    | 3+25W | 7:35 | 2650 | 57283 | 57178 |                              |
|    | 3+00W | 7:36 | 2650 | 57742 | 57791 |                              |
|    | 3+00W | 7:36 | 2650 | 57742 | 57791 |                              |
| ○  | 2+75W | 7:37 | 2650 | 57238 | 57118 |                              |
|    | 2+50W | 7:38 | 2650 | 57895 | 57802 |                              |
|    | 2+25W | 7:59 | 2650 | 56913 | 56795 |                              |
|    | 2+00W | 7:40 | 2650 | 57023 | 56933 |                              |
|    | 1+75W | 7:44 | 2650 | 57747 | 57855 | Sample. Definite drill site. |
|    | 1+50W | 7:45 | 2675 | 57148 | 57065 |                              |
|    | 1+25W | 7:46 | 2675 | 58438 | 58679 |                              |
|    | 1+37W | 7:47 | 2675 | 57460 | 57350 |                              |
|    | 1+12W | 7:48 | 2675 | 57594 | 57594 |                              |
|    | 1+00W | 7:48 | 2675 | 57234 | 57155 |                              |
|    | 0+25W | 7:50 | 2675 | 57265 | 57141 |                              |
|    | 0+50W | 7:50 | 2675 | 57494 | 57425 | Edge of roads to W & N.      |
|    | 0+25W | 7:52 | 2675 | 57925 | 57815 |                              |
| ○  | 0+00W | 7:53 | 2700 | 57650 | 57571 |                              |

LINE L8 0+00W 7:53 2700 58022 57988 10M N of BL 0+50, N.

LINE B

|       |      |      |       |       |                         |
|-------|------|------|-------|-------|-------------------------|
| 0+00E | 8:38 | 2700 | 57838 | 57772 | At BL 0+50              |
| 0+35E |      |      |       |       | Outcrop, sample.        |
| 0+50E | 8:45 | 2675 | 58074 | 58000 |                         |
| 1+00E | 8:49 | 2650 | 58336 | 58256 |                         |
| 1+25E | 8:50 | 2650 | 58583 | 58626 |                         |
| 1+50E | 8:51 | 2650 | 58485 | 58388 |                         |
| 1+75E | 8:53 | 2675 | 58576 | 58568 | Sample.                 |
| 2+00E | 8:57 | 2675 | 58702 | 58654 | Sample.                 |
| 2+20E |      |      |       |       | Sample.                 |
| 2+30E |      |      |       |       | Sample.                 |
| 2+25E | 9:06 | 2675 | 58799 | 58744 |                         |
| 2+50E | 9:08 | 2675 | 58909 | 58851 |                         |
| 2+60E |      |      |       |       | Sample.                 |
| 2+75E | 9:11 | 2650 | 58922 | 58937 |                         |
| 2+85E |      |      |       |       | Sample.                 |
| 3+00E | 9:15 | 2625 | 58889 | 58843 |                         |
| 3+25E | 9:17 | 2675 | 58742 | 58685 |                         |
| 3+50E | 9:20 | 2600 | 58743 | 58691 | 50M S. of L. Pine.      |
| 3+75E | 9:21 | 2575 | 58815 | 58746 | Sample; possible skarn. |
| 4+00E | 9:26 | 2550 | 58960 | 58949 | Sample.                 |
| 4+25E | 9:36 | 2525 | 59382 | 59460 |                         |
| 4+50E | 9:38 | 2500 | 56376 | 56145 |                         |
| 4+43E | 9:38 | 2500 | 58896 | 59096 |                         |

|          |       |      |       |       |                  |
|----------|-------|------|-------|-------|------------------|
| 4+37E    | 9:39  | 2525 | 59656 | 59839 |                  |
| 4+31E    | 9:39  | 2525 | 59441 | 59519 |                  |
| 4+25E    | 9:40  | 2525 | 59299 | 59176 |                  |
| 4+50E    | 9:41  | 2500 | 55093 | 54718 | Road at 4+60     |
| 4+75E    | 9:42  | 2500 | 55484 | 55366 |                  |
| L9 5+00E | 9:47  | 2475 | 56011 | 56017 |                  |
| L8 5+50E | 9:50  | 2475 | 55612 | 55533 | 5M N. of Line 9. |
| 5+50E    | 9:52  | 2475 | 55712 | 55591 |                  |
| L9 5+00E | 9:53  | 2475 | 56712 | 56708 |                  |
| 4+50E    | 9:55  | 2500 | 58052 | 58097 |                  |
| 4+75E    | 9:56  | 2500 | 55579 | 55432 |                  |
| 4+62E    | 9:57  | 2500 | 55845 | 55678 |                  |
| 4+60     |       |      |       |       | Road.            |
| 4+57E    | 9:57  | 2500 | 56379 | 56098 |                  |
| 4+50     | 9:58  | 2500 | 58102 | 58114 |                  |
| 4+42     | 9:59  | 2500 | 59124 | 59248 |                  |
| 4+37E    | 10:03 | 2525 | 59118 | 59141 | Quartz float.    |
| 4+31     | 10:04 | 2525 | 58961 | 58990 |                  |
| 4+25E    | 10:05 | 2525 | 58690 | 58699 |                  |
| 4+00E    | 10:07 | 2550 | 57966 | 57890 | Sample, 4+00E    |
| 3+80E    | 10:14 | 2575 | 57979 | 57897 | Sample.          |
| 3+75E    | 10:14 | 2575 | 58004 | 57926 |                  |
| 3+70E    |       |      |       |       | Sample.          |
| 3+50E    | 10:20 | 2575 | 58141 | 58133 |                  |
| 3+25E    | 10:21 | 2600 | 57982 | 57901 |                  |
| 3+00E    | 10:24 | 2650 | 58129 | 58052 | Sample.          |

|          |       |      |       |       |         |
|----------|-------|------|-------|-------|---------|
| 2+75E    | 10:26 | 2675 | 58208 | 58144 | Sample. |
| 2+50E    | 10:30 | 2675 | 58245 | 58239 |         |
| 2+25E    | 10:32 | 2675 | 58130 | 58040 | Sample. |
| 2+00E    | 10:35 | 2700 | 58078 | 58000 |         |
| 1+87E    |       |      |       |       | Sample. |
| 1+75E    | 10:37 | 2700 | 58188 | 58097 |         |
| 1+50E    | 10:41 | 2700 | 58309 | 58265 | Sample. |
| 1+25E    | 10:43 | 2650 | 58094 | 58056 |         |
| 1+00E    | 10:44 | 2650 | 57692 | 57595 |         |
| 0+75E    | 10:45 | 2675 | 57938 | 57867 |         |
| 0+50E    | 10:47 | 2675 | 57983 | 57921 |         |
| 0+25E    | 10:48 | 2675 | 57483 | 57335 |         |
| L9 0+00E | 10:49 | 2675 | 57648 | 57540 |         |
| 8 0+00E  | 10:50 | 2700 | 57816 | 57767 |         |

June 30, 1987

Depart Osoyoos, set altimeter at 900' to L8 3+75E  
Altimeter, compass, hip-chain, drill.

Drill hole #6 L8 3+75E, strike 200 , dip 30 , short sample, clutch on drill  
broken.

*Ray 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

Director / Dean

Registrar

Instructor



APPENDIX 2: CORRECTED MAGNETOMETER READINGS

WHITE / KNIGHT CLAIM GROUP  
CORRECTED MAGNETOMETER READINGS

| LINE 0<br>STATION | TIME  | FIELD<br>READINGS |    | SHIFT |       | DRIFT |     | FINAL |     |       |       |
|-------------------|-------|-------------------|----|-------|-------|-------|-----|-------|-----|-------|-------|
|                   |       | 2M                | 1M | 2M    | 1M    | 2M    | 1M  | 2M    | 1M  |       |       |
| 113 Min.          | 5+50E | 10:07             | 62 | 56515 | 56458 | -14   | -8  | +38   | +63 | 56539 | 56513 |
|                   | 5+00E | 10:04             | 59 | 56831 | 56882 |       |     | +36   | +60 | 56853 | 56934 |
|                   | 4+50E | 10:02             | 57 | 56374 | 56313 |       |     | +34   | +58 | 56394 | 56363 |
|                   | 4+00E | 9:47              | 42 | 56159 | 56108 |       |     | +25   | +42 | 56170 | 56142 |
|                   | 3+50E | 9:45              | 40 | 56571 | 56550 |       |     | +24   | +40 | 56581 | 56582 |
|                   | 3+00E | 9:36              | 31 | 56330 | 56315 |       |     | +19   | +31 | 56335 | 56338 |
|                   | 2+50E | 9:34              | 29 | 56149 | 56121 |       |     | +17   | +29 | 56125 | 56142 |
|                   | 2+00E | 9:21              | 16 | 56181 | 56185 |       |     | +9    | +16 | 56176 | 56193 |
|                   | 1+50E | 9:16              | 11 | 56232 | 56227 |       |     | +6    | +11 | 56224 | 56230 |
|                   | 1+00E | 9:14              | 9  | 56284 | 56256 |       |     | +5    | +9  | 56275 | 56157 |
|                   | 0+50E | 9:07              | 2  | 56298 | 56287 |       |     | +1    | +2  | 56285 | 56281 |
|                   | 0+00E | 9:05              | 0  | 56296 | 56273 | -14   | -8  | 0     | 0   | 56282 | 56265 |
| 125 Min.          | 0+00W | 11:14             | 0  | 56282 | 56242 | 0     | +23 | 0     | 0   | 56282 | 56265 |
|                   | 0+50W | 11:23             | 9  | 56391 | 56385 |       |     | -2    | +3  | 56389 | 56411 |
|                   | 1+00W | 11:37             | 23 | 56464 | 56462 |       |     | -4    | =7  | 56460 | 56492 |
|                   | 1+50W | 11:45             | 31 | 56289 | 56209 |       |     | -6    | +10 | 56283 | 56242 |
|                   | 2+00W | 11:50             | 36 | 56122 | 56056 |       |     | -7    | +12 | 56115 | 56091 |
|                   | 2+50W | 11:56             | 42 | 55519 | 55445 |       |     | -8    | +13 | 55511 | 55481 |
|                   | 3+00W | 11:58             | 44 | 57800 | 57641 |       |     | -8    | +14 | 57792 | 57678 |
|                   | 3+50W | 12:08             | 54 | 57496 | 57496 |       |     | -10   | +17 | 57486 | 57536 |
|                   | 4+00W | 12:17             | 63 | 57573 | 57512 |       |     | -12   | +20 | 57561 | 57555 |
|                   | 4+50W | 12:25             | 71 | 58130 | 58007 |       |     | -13   | +23 | 58117 | 58053 |
|                   | 5+00W | 12:27             | 73 | 58381 | 58356 |       |     | -14   | +24 | 58367 | 58403 |
|                   | 5+50W | 12:29             | 75 | 58399 | 58456 |       |     | -14   | +24 | 58385 | 58503 |



WHITE / KNIGHT CLAIM GROUP  
CORRECTED MAGNETOMETER READINGS

| LINE 1<br>STATION | TIME  | FIELD<br>READINGS |       | SHIFT |     | DRIFT |     | FINAL |       |       |
|-------------------|-------|-------------------|-------|-------|-----|-------|-----|-------|-------|-------|
|                   |       | 2M                | 1M    | 2M    | 1M  | 2M    | 1M  | 2M    | 1M    |       |
| 5+50E             | 10:12 | 67                | 56766 | 56666 | -14 | -8    | +41 | +68   | 56793 | 56726 |
| 5+00E             | 10:17 | 72                | 56531 | 56466 |     |       | +44 | +73   | 56561 | 56531 |
| 4+50W             | 10:21 | 76                | 56284 | 56245 |     |       | +46 | +77   | 56316 | 56314 |
| 4+00E             | 10:25 | 80                | 56239 | 56199 |     |       | +49 | +81   | 56274 | 56270 |
| 3+50E             | 10:31 | 86                | 56226 | 56183 |     |       | +52 | +87   | 56304 | 56262 |
| 3+00E             | 10:38 | 93                | 56114 | 56085 |     |       | +56 | +94   | 56156 | 56171 |
| 2+50E             | 10:42 | 97                | 56198 | 56188 |     |       | +59 | +98   | 56243 | 56278 |
| 2+00E             | 10:47 | 102               | 56153 | 56152 |     |       | +62 | +104  | 56201 | 56248 |
| 1+00E             | 10:49 | 104               | 56172 | 56130 |     |       | +63 | +106  | 56221 | 56228 |
| 1+00E             | 10:53 | 108               | 56194 | 56240 |     |       | +66 | +110  | 56346 | 56342 |
| 0+50E             | 10:55 | 110               | 56286 | 56252 |     |       | +67 | +112  | 56339 | 56356 |
| 0+00E             | 10:58 | 113               | 56330 | 56281 | -14 | -8    | +69 | +115  | 56385 | 56388 |
| 0+00W             | 1:19  | 125               | 56409 | 56347 | 0   | +23   | -24 | +41   | 56385 | 56388 |
| 0+50W             | 1:06  | 112               | 56594 | 56476 |     |       | -21 | +37   | 56573 | 56536 |
| 1+00W             | 1:04  | 110               | 56568 | 56540 |     |       | -21 | +36   | 56547 | 56599 |
| 1+50W             | 1:00  | 106               | 56543 | 56504 |     |       | -20 | +35   | 56523 | 56552 |
| 2+00W             | 12:57 | 103               | 56419 | 56310 |     |       | -19 | +34   | 56400 | 56367 |
| 2+50W             | 12:54 | 100               | 56040 | 55947 |     |       | -19 | +32   | 56021 | 56012 |
| 3+00W             | 12:48 | 94                | 58320 | 58488 |     |       | -18 | +31   | 58302 | 58542 |
| 3+50W             | 12:47 | 93                | 58682 | 58654 |     |       | -17 | +30   | 58665 | 58707 |
| 4+00W             | 12:44 | 90                | 58689 | 58549 |     |       | -17 | +29   | 58672 | 58601 |
| 4+50W             | 12:39 | 85                | 58924 | 58798 |     |       | -16 | +28   | 58908 | 58849 |
| 5+00W             | 12:36 | 82                | 59282 | 59550 |     |       | -15 | +27   | 59267 | 59600 |
| 5+50W             | 12:32 | 78                | 57937 | 57896 |     |       | -15 | +25   | 57922 | 57944 |

WHITE / KNIGHT CLAIM GROUP  
CORRECTED MAGNETOMETER READINGS

| LINE 2<br>STATION | TIME  | FIELD<br>READINGS |       | SHIFT |     | DRIFT |     | FINAL |       |       |
|-------------------|-------|-------------------|-------|-------|-----|-------|-----|-------|-------|-------|
|                   |       | 2M                | 1M    | 2M    | 1M  | 2M    | 1M  | 2M    | 1M    |       |
| 5+50E             | 8:58  | 41                | 56402 | 56384 | +11 | +12   | -47 | -36   | 56366 | 56360 |
| 5+00E             | 8:53  | 36                | 56226 | 56159 |     |       | -41 | -32   | 56196 | 56139 |
| 4+50E             | 8:48  | 31                | 56117 | 56080 |     |       | -35 | -27   | 56093 | 56065 |
| 4+00E             | 8:37  | 20                | 55954 | 55917 |     |       | -23 | -17   | 55942 | 55912 |
| 3+50E             | 8:34  | 17                | 55888 | 55859 |     |       | -19 | -15   | 55880 | 55856 |
| 3+00E             | 8:32  | 15                | 55965 | 55943 |     |       | -17 | -13   | 55959 | 55942 |
| 2+50E             | 8:27  | 10                | 55960 | 55887 |     |       | -11 | -9    | 55960 | 55890 |
| 2+00E             | 8:25  | 8                 | 56143 | 56094 |     |       | -9  | -7    | 56145 | 56099 |
| 1+50E             | 8:23  | 6                 | 56251 | 56173 |     |       | -7  | -5    | 56255 | 56180 |
| 1+00E             | 8:22  | 5                 | 56285 | 56243 |     |       | -5  | -4    | 56291 | 56251 |
| 0+50E             | 8:20  | 3                 | 56381 | 56333 |     |       | -3  | -2    | 56389 | 56343 |
| 0+00E             | 8:17  | 0                 | 56503 | 56488 | +11 | +12   | 0   | 0     | 56514 | 56500 |
| 0+00W             | 9:45  | 0                 | 56511 | 56476 | +3  | +24   | 0   | 0     | 56514 | 56500 |
| 0+50W             | 10:14 | 29                | 56623 | 56592 |     |       | -13 | -10   | 56610 | 56606 |
| 1+00W             | 10:40 | 55                | 56592 | 56530 |     |       |     |       |       |       |
| 1+50W             | 10:48 | 63                | 56596 | 56564 |     |       | -28 | -23   | 56571 | 56565 |
| 2+00W             | 10:52 | 67                | 56434 | 56364 |     |       | -30 | -25   | 56407 | 56363 |
| 2+50W             | 10:56 | 71                | 56119 | 56061 |     |       | -32 | -26   | 56090 | 56059 |
| 3+00W             | 11:00 | 75                | 57433 | 57338 |     |       | -33 | -28   | 57403 | 57334 |
| 3+50W             | 11:08 | 83                | 56632 | 56535 |     |       | -37 | -31   | 56598 | 56528 |
| 4+00W             | 11:27 | 102               | 61311 | 61403 |     |       | -45 | -38   | 61269 | 61389 |
| 4+50W             | 11:36 | 111               | 60356 | 60119 |     |       | -50 | -41   | 60309 | 60102 |
| 5+00W             | 11:42 | 117               | 58970 | 58927 |     |       | -52 | -43   | 58921 | 58908 |
| 5+50W             | 11:45 | 120               | 58310 | 58165 |     |       | -54 | -44   | 58259 | 58146 |

WHITE / KNIGHT CLAIM GROUP  
CORRECTED MAGNETOMETER READINGS

| LINE 3<br>STATION | TIME  | FIELD<br>READINGS |       | SHIFT |     | DRIFT |     | FINAL |       |       |
|-------------------|-------|-------------------|-------|-------|-----|-------|-----|-------|-------|-------|
|                   |       | 2M                | 1M    | 2M    | 1M  | 2M    | 1M  | 2M    | 1M    |       |
| 5+50E             | 9:00  | 43                | 56308 | 56205 | +11 | +12   | -49 | -38   | 56270 | 56179 |
| 5+00E             | 9:03  | 46                | 55951 | 55861 |     |       | -53 | -49   | 55909 | 55833 |
| 4+50E             | 9:12  | 55                | 56016 | 55958 |     |       | -63 | -48   | 55964 | 55922 |
| 4+00E             | 9:15  | 58                | 55876 | 55876 |     |       | -66 | -51   | 55821 | 55837 |
| 3+50E             | 9:19  | 62                | 55704 | 55670 |     |       | -71 | -54   | 55644 | 55628 |
| 3+00E             | 9:21  | 64                | 55793 | 55752 |     |       | -73 | -56   | 55731 | 55708 |
| 2+50E             | 9:30  | 73                | 56038 | 55994 |     |       | -84 | -64   | 55965 | 55942 |
| 2+00E             | 9:33  | 76                | 56242 | 56197 |     |       | -87 | -67   | 56166 | 56142 |
| 1+50E             | 9:34  | 77                | 56378 | 56310 |     |       | -88 | -68   | 56301 | 56254 |
| 1+00E             | 9:37  | 80                | 56482 | 56435 |     |       | -92 | -70   | 56401 | 56377 |
| 0+50E             | 9:40  | 83                | 56558 | 56496 |     |       | -95 | -73   | 56474 | 56435 |
| 0+00E             | 9:43  | 86                | 56762 | 56714 | +11 | +12   | -99 | -76   | 56674 | 56650 |
| 0+00W             | 1:14  | 209               | 56765 | 56704 | +3  | +24   | -94 | -78   | 56674 | 56650 |
| 0+50W             | 12:58 | 193               | 56801 | 56756 |     |       | -86 | -72   | 56718 | 56708 |
| 1+00W             | 12:51 | 186               | 56776 | 56714 |     |       | -83 | -69   | 56696 | 56669 |
| 1+50W             | 12:47 | 182               | 56672 | 56634 |     |       | -82 | -68   | 56593 | 56590 |
| 2+00W             | 12:34 | 169               | 56478 | 56384 |     |       | -76 | -63   | 56405 | 56345 |
| 2+50W             | 12:32 | 167               | 56612 | 56616 |     |       | -75 | -62   | 56540 | 56578 |
| 3+00W             | 12:19 | 154               | 58281 | 58097 |     |       | -69 | -57   | 58215 | 58064 |
| 3+50W             | 12:13 | 148               | 60450 | 60332 |     |       | -66 | -55   | 60387 | 60301 |
| 4+00W             | 12:05 | 140               | 63767 | 63834 |     |       | -63 | -52   | 63707 | 63806 |
| 4+50W             | 11:54 | 129               | 61218 | 61256 |     |       | -58 | -48   | 61163 | 61232 |
| 5+00W             | 11:47 | 122               | 61262 | 61290 |     |       | -55 | -45   | 61210 | 61269 |
| 5+50W             | 11:46 | 121               | 60191 | 60441 |     |       | -54 | -45   | 60140 | 60420 |

WHITE / KNIGHT CLAIM GROUP  
CORRECTED MAGNETOMETER READINGS

| LINE 4<br>STATION | TIME  | FIELD<br>READINGS |       | SHIFT |     | DRIFT |     | FINAL |       |       |
|-------------------|-------|-------------------|-------|-------|-----|-------|-----|-------|-------|-------|
|                   |       | 2M                | 1M    | 2M    | 1M  | 2M    | 1M  | 2M    | 1M    |       |
| 5+50E             | 10:33 | 52                | 55918 | 55876 | +12 | +44   | +9  | +9    | 55939 | 55929 |
| 5+00E             | 10:31 | 50                | 55973 | 55957 |     |       | +8  | +8    | 55993 | 56009 |
| 4+50E             | 10:10 | 29                | 55915 | 55898 |     |       | +5  | +5    | 55932 | 55947 |
| 4+00E             | 10:08 | 27                | 55539 | 55520 |     |       | +4  | +4    | 55555 | 55568 |
| 3+50E             | 9:54  | 13                | 55434 | 55403 |     |       | +2  | +2    | 55448 | 55449 |
| 3+00E             | 9:52  | 11                | 55901 | 55851 |     |       | +2  | +2    | 55915 | 55897 |
| 2+50E             | 9:51  | 9                 | 56275 | 56249 |     |       | +1  | +1    | 56288 | 56294 |
| 2+00E             | 9:49  | 7                 | 56475 | 56436 |     |       | +1  | +1    | 56488 | 56481 |
| 1+50E             | 9:47  | 5                 | 56591 | 56530 |     |       | 0   | 0     | 56603 | 56574 |
| 1+00E             | 9:46  | 4                 | 56707 | 5666* |     |       | 0   | 0     | 56719 | 56712 |
| 0+50E             | 9:44  | 2                 | 56809 | 56753 |     |       | 0   | 0     | 56821 | 56797 |
| 0+00E             | 9:42  | 0                 | 57064 | 57038 | +12 | +44   | 0   | 0     | 57076 | 57082 |
| 0+00W             | 11:30 | 0                 | 57055 | 57053 | +21 | +29   | 0   | 0     | 57076 | 57082 |
| 0+50W             | 11:35 | 5                 | 56960 | 56941 |     |       | -5  | -3    | 56976 | 56967 |
| 1+00W             | 11:54 | 24                | 56933 | 56917 |     |       | -24 | -18   | 56930 | 56928 |
| 1+50W             | 11:57 | 27                | 56769 | 56690 |     |       | -27 | -20   | 56763 | 56699 |
| 2+00W             | 12:03 | 33                | 56555 | 56510 |     |       | -33 | -24   | 56543 | 56515 |
| 2+50W             | 12:06 | 36                | 56603 | 56539 |     |       | -36 | -26   | 56588 | 56542 |
| 3+00W             | 12:08 | 38                | 56039 | 55923 |     |       | -38 | -28   | 56022 | 55924 |
| 3+50W             | 12:10 | 40                | 65510 | 66513 |     |       | -40 | -29   | 65491 | 66513 |
| 4+00W             | 12:20 | 50                | 59509 | 59608 |     |       | -50 | -37   | 59480 | 59600 |
| 4+50W             | 12:25 | 55                | 59722 | 59698 |     |       | -55 | -41   | 59688 | 59686 |
| 5+00W             | 12:28 | 58                | 58640 | 58523 |     |       | -58 | -43   | 58603 | 58509 |
| 5+50W             | 12:30 | 60                | 58703 | 58642 | +21 | +29   | -60 | -44   | 58664 | 58627 |

WHITE / KNIGHT CLAIM GROUP  
CORRECTED MAGNETOMETER READINGS

| LINE 5<br>STATION | TIME  | FIELD<br>READINGS |       | SHIFT |     | DRIFT |      | FINAL |       |       |
|-------------------|-------|-------------------|-------|-------|-----|-------|------|-------|-------|-------|
|                   |       | 2M                | 1M    | 2M    | 1M  | 2M    | 1M   | 2M    | 1M    |       |
| 5+50E             | 10:37 | 56                | 55927 | 55892 | +12 | +44   | +10  | +10   | 55949 | 55946 |
| 5+00E             | 10:45 | 64                | 55905 | 55653 |     |       | +11  | +11   | 55928 | 55937 |
| 4+50E             | 10:47 | 66                | 55699 | 55653 |     |       | +11  | +11   | 55722 | 55708 |
| 4+00E             | 10:52 | 71                | 55314 | 55273 |     |       | +12  | +12   | 55338 | 55329 |
| 3+50E             | 11:06 | 85                | 55483 | 55400 |     |       | +15  | +15   | 55570 | 55459 |
| 3+00E             | 11:08 | 87                | 56805 | 56781 |     |       | +15  | +15   | 56832 | 56840 |
| 2+50E             | 11:11 | 90                | 56874 | 56826 |     |       | +15  | +15   | 56901 | 56885 |
| 2+00E             | 11:15 | 94                | 56947 | 56906 |     |       | +16  | +16   | 56975 | 56966 |
| 1+50E             | 11:17 | 96                | 57023 | 56970 |     |       | +16  | +16   | 57051 | 57030 |
| 1+00E             | 11:18 | 97                | 57118 | 57087 |     |       | +17  | +17   | 57147 | 57148 |
| 0+50E             | 11:20 | 99                | 57214 | 57191 |     |       | +17  | +17   | 57243 | 57252 |
| 0+00E             | 11:29 | 108               | 57248 | 57198 | +12 | +44   | +19  | +19   | 57279 | 57261 |
| 0+00W             | 1:11  | 101               | 57360 | 57307 | +21 | +29   | -102 | -75   | 57279 | 57261 |
| 0+50W             | 1:09  | 99                | 57434 | 57441 |     |       | -100 | -73   | 57355 | 57397 |
| 1+00W             | 1:07  | 97                | 57106 | 57054 |     |       | -98  | -72   | 57029 | 57011 |
| 1+50W             | 1:04  | 94                | 57021 | 56958 |     |       | -95  | -70   | 56947 | 56917 |
| 2+00W             | 1:01  | 91                | 56572 | 56438 |     |       | -92  | -67   | 56501 | 56400 |
| 2+50W             | 12:57 | 87                | 57354 | 57314 |     |       | -88  | -64   | 57287 | 57279 |
| 3+00W             | 12:55 | 85                | 57617 | 57735 |     |       | -86  | -63   | 57552 | 57701 |
| 3+50W             | 12:40 | 70                | 60721 | 60756 |     |       | -70  | -52   | 60672 | 60733 |
| 4+00W             | 12:38 | 68                | 57372 | 57272 |     |       | -68  | -50   | 57325 | 57251 |
| 4+50W             | 12:37 | 67                | 57662 | 57647 |     |       | -67  | -49   | 57616 | 57627 |
| 5+00W             | 12:34 | 64                | 59351 | 59472 |     |       | -64  | -47   | 59308 | 59454 |
| 5+50W             | 12:33 | 63                | 60396 | 60385 | +21 | +29   | -63  | -46   | 60354 | 60368 |

WHITE / KNIGHT CLAIM GROUP  
CORRECTED MAGNETOMETER READINGS

| LINE 6<br>STATION | TIME  | FIELD<br>READINGS |       | SHIFT |     | DRIFT |     | FINAL |       |       |
|-------------------|-------|-------------------|-------|-------|-----|-------|-----|-------|-------|-------|
|                   |       | 2M                | 1M    | 2M    | 1M  | 2M    | 1M  | 2M    | 1M    |       |
| 5+50E             | 10:55 | 47                | 55862 | 55854 | +20 | +36   | +11 | +12   | 55893 | 55902 |
| 5+00E             | 10:53 | 45                | 55594 | 55578 |     |       | +10 | +12   | 55624 | 55626 |
| 4+50E             | 10:52 | 44                | 55430 | 55418 |     |       | +10 | +11   | 55460 | 55465 |
| 4+00E             | 10:40 | 32                | 54973 | 54920 |     |       | +7  | +8    | 55000 | 54964 |
| 3+50E             | 10:38 | 30                | 57399 | 57403 |     |       | +7  | +8    | 57426 | 57447 |
| 3+00E             | 10:34 | 26                | 58240 | 58210 |     |       | +6  | +7    | 58266 | 58253 |
| 2+50E             | 10:31 | 23                | 58129 | 58104 |     |       | +5  | +6    | 58154 | 58146 |
| 2+00E             | 10:30 | 22                | 57929 | 57889 |     |       | +5  | +5    | 57954 | 57930 |
| 1+50E             | 10:29 | 21                | 58078 | 58006 |     |       | +5  | +5    | 58103 | 58047 |
| 1+00E             | 10:19 | 11                | 57914 | 57849 |     |       | +2  | +3    | 57936 | 57888 |
| 0+50E             | 10:14 | 6                 | 57785 | 57746 |     |       | +1  | +1    | 57806 | 57783 |
| 0+00E             | 10:08 | 0                 | 57608 | 57584 | +20 | +36   | 0   | 0     | 57628 | 57620 |
| 0+00W             | 10:02 | 0                 | 57604 | 57594 | +24 | +26   | 0   | 0     | 57628 | 57620 |
| 0+50W             | 10:04 | 2                 | 57318 | 57259 |     |       | 0   | +1    | 57342 | 57286 |
| 1+00W             | 10:07 | 5                 | 57377 | 57341 |     |       | +1  | +2    | 57402 | 57369 |
| 1+50W             | 10:26 | 24                | 57052 | 56928 |     |       | +4  | +12   | 57080 | 56966 |
| 2+00W             | 10:33 | 31                | 57067 | 57027 |     |       | +5  | +15   | 57096 | 57068 |
| 2+50W             | 10:37 | 35                | 57479 | 57374 |     |       | +6  | +17   | 57509 | 57417 |
| 3+00W             | 10:44 | 42                | 57708 | 57658 |     |       | +8  | +21   | 57740 | 57705 |
| 3+50W             | 10:50 | 48                | 63521 | 63747 |     |       | +9  | +24   | 63554 | 63798 |
| 4+00W             | 10:56 | 54                | 57956 | 57882 |     |       | +10 | +27   | 57990 | 57935 |
| 4+50W             | 10:57 | 55                | 59663 | 59848 |     |       | +10 | +27   | 59697 | 59901 |
| 5+00W             | 11:01 | 59                | 58145 | 58042 |     |       | +11 | +29   | 58180 | 58097 |
| 5+50W             | 11:02 | 60                | 59018 | 58929 | +24 | +26   | +11 | +30   | 59053 | 58985 |

WHITE / KNIGHT CLAIM GROUP  
CORRECTED MAGNETOMETER READINGS

| LINE 7<br>STATION | TIME  | FIELD<br>READINGS |       | SHIFT |     | DRIFT |     | FINAL |       |       |
|-------------------|-------|-------------------|-------|-------|-----|-------|-----|-------|-------|-------|
|                   |       |                   |       | 2M    | 1M  | 2M    | 1M  | 2M    | 1M    |       |
| 5+50E             | 10:59 | 51                | 55466 | 55632 | +20 | +36   | +12 | +13   | 55498 | 55681 |
| 5+00E             | 11:01 | 53                | 55489 | 55446 |     |       | +12 | +14   | 55521 | 55496 |
| 4+50E             | 11:09 | 61                | 55319 | 55344 |     |       | +14 | +16   | 55353 | 55396 |
| 4+00E             | 11:16 | 68                | 56780 | 56767 |     |       | +16 | +18   | 56816 | 56821 |
| 3+50E             | 11:24 | 76                | 59005 | 59011 |     |       | +18 | +20   | 59043 | 59067 |
| 3+00E             | 11:28 | 80                | 60493 | 60525 |     |       | +19 | +21   | 60532 | 60582 |
| 2+50E             | 11:36 | 92                | 59859 | 59867 |     |       | +22 | +24   | 59901 | 59927 |
| 2+00E             | 11:38 | 94                | 59156 | 59112 |     |       | +22 | +25   | 59198 | 59173 |
| 1+50E             | 11:39 | 95                | 58965 | 58950 |     |       | +22 | +25   | 59007 | 59011 |
| 1+00E             | 11:43 | 99                | 58567 | 58527 |     |       | +23 | +26   | 58610 | 58589 |
| 0+50E             | 11:45 | 101               | 58120 | 58081 |     |       | +24 | +27   | 58164 | 58144 |
| 0+00E             | 11:49 | 1-5               | 57815 | 57766 | +20 | +36   | +25 | +28   | 57860 | 57830 |
| 0+00W             | 11:32 | 90                | 57819 | 57759 | +24 | +16   | +17 | +45   | 57860 | 57830 |
| 0+50W             | 11:31 | 89                | 57969 | 57928 |     |       | +16 | +44   | 58009 | 57998 |
| 1+00W             | 11:30 | 88                | 57552 | 57491 |     |       | +16 | +44   | 57592 | 57561 |
| 1+50W             | 11:27 | 85                | 57527 | 57552 |     |       | +16 | +42   | 57567 | 57620 |
| 2+00W             | 11:26 | 84                | 57180 | 57141 |     |       | +15 | +42   | 57219 | 57209 |
| 2+50W             | 11:23 | 81                | 57256 | 57184 |     |       | +15 | +40   | 57295 | 57250 |
| 3+00W             | 11:18 | 76                | 57934 | 57879 |     |       | +14 | +38   | 57972 | 57943 |
| 3+50W             | 11:13 | 71                | 58812 | 58734 |     |       | +13 | +35   | 58849 | 58795 |
| 4+00W             | 11:11 | 69                | 58266 | 58253 |     |       | +13 | +34   | 58303 | 58313 |
| 4+50W             | 11:10 | 68                | 57725 | 57337 |     |       | +12 | +34   | 57761 | 57397 |
| 5+00W             | 11:08 | 66                | 61563 | 61821 |     |       | +12 | +33   | 61599 | 61880 |
| 5+50W             | 11:06 | 64                | 58652 | 58598 | +24 | +26   | +12 | +32   | 58688 | 58656 |

WHITE / KNIGHT CLAIM GROUP  
CORRECTED MAGNETOMETER READINGS

| LINE 8<br>STATION | TIME | FIELD<br>READINGS |       | SHIFT |      | DRIFT |      | FINAL |       |       |
|-------------------|------|-------------------|-------|-------|------|-------|------|-------|-------|-------|
|                   |      | 2M                | 1M    | 2M    | 1M   | 2M    | 1M   | 2M    | 1M    |       |
| 5+50E             | 9:50 | 72                | 55589 | 55533 | -10  | +22   | +11  | +29   | 55590 | 55584 |
| 5+00E             | 9:47 | 69                | 56011 | 56017 |      |       | +11  | +28   | 56012 | 56067 |
| 4+50E             | 9:38 | 60                | 56376 | 56145 |      |       | +9   | +24   | 56375 | 56191 |
| 4+00E             | 9:26 | 48                | 58960 | 58949 |      |       | +7   | +19   | 58957 | 58990 |
| 3+50E             | 9:20 | 42                | 58743 | 58691 |      |       | +6   | +17   | 58739 | 58730 |
| 3+00E             | 9:15 | 37                | 58889 | 58843 |      |       | +6   | +15   | 58885 | 58880 |
| 2+50E             | 9:08 | 30                | 58909 | 58851 |      |       | +4   | +12   | 58903 | 58885 |
| 2+00E             | 8:57 | 19                | 48702 | 58654 |      |       | +3   | +7    | 58695 | 58683 |
| 1+50E             | 8:51 | 13                | 58485 | 58388 |      |       | +2   | +5    | 58477 | 58415 |
| 1+00E             | 8:49 | 11                | 58336 | 58156 |      |       | +1   | +4    | 58327 | 58282 |
| 0+50E             | 8:45 | 7                 | 58074 | 58000 |      |       | +1   | +2    | 58065 | 58024 |
| 0+00E             | 8:38 | 0                 | 57838 | 57772 | -10  | +22   | 0    | 0     | 57828 | 57794 |
| 0+00W             | 5:58 | 0                 | 58018 | 57986 | -190 | -192  | 0    | 0     | 57828 | 57794 |
| 0+50W             | 6:00 | 2                 | 57545 | 57448 |      |       | +3   | +4    | 57358 | 57260 |
| 1+00W             | 6:09 | 11                | 57025 | 56903 |      |       | +19  | +22   | 56854 | 56733 |
| 1+50W             | 6:11 | 13                | 63157 | 63977 |      |       | +22  | +26   | 62989 | 63811 |
| 2+00W             | 6:26 | 28                | 59470 | 59506 |      |       | +48  | +57   | 59328 | 59371 |
| 2+50W             | 6:35 | 37                | 57492 | 57523 |      |       | +64  | +76   | 57366 | 57407 |
| 3+00W             | 6:43 | 45                | 57735 | 57485 |      |       | +77  | +92   | 57622 | 57385 |
| 3+50W             | 6:55 | 57                | 60181 | 60179 |      |       | +98  | +117  | 60089 | 60104 |
| 4+00W             | 7:00 | 62                | 57783 | 57604 |      |       | +107 | +127  | 57700 | 57539 |
| 4+50W             | 7:18 | 80                | 58343 | 58212 |      |       | +138 | +164  | 58291 | 58184 |
| 5+00W             | 7:23 | 85                | 59563 | 59486 |      |       | +147 | +175  | 59520 | 59469 |
| 5+50W             | 7:24 | 86                | 58096 | 57932 | -190 | -192  | +148 | +177  | 58054 | 57917 |



WHITE / KNIGHT CLAIM GROUP  
CORRECTED MAGNETOMETER READINGS

| LINE 9<br>STATION | TIME  | FIELD<br>READINGS |       | SHIFT |      | DRIFT |      | FINAL |       |       |
|-------------------|-------|-------------------|-------|-------|------|-------|------|-------|-------|-------|
|                   |       | 2M                | 1M    | 2M    | 1M   | 2M    | 1M   | 2M    | 1M    |       |
| 5+50E             | 9:52  | 74                | 55612 | 55591 | -10  | +22   | +11  | +30   | 55613 | 55693 |
| 5+00E             | 9:53  | 75                | 56712 | 56708 |      |       | +12  | +31   | 56714 | 56761 |
| 4+50E             | 9:55  | 77                | 58052 | 58097 |      |       | +12  | +31   | 58054 | 58150 |
| 4+00E             | 10:07 | 89                | 57966 | 57890 |      |       | +14  | +36   | 57970 | 57948 |
| 3+50E             | 10:20 | 102               | 58141 | 58133 |      |       | +16  | +42   | 58147 | 58199 |
| 3+00E             | 10:24 | 106               | 58129 | 58052 |      |       | +17  | +43   | 58136 | 58117 |
| 2+50E             | 10:30 | 112               | 58245 | 58239 |      |       | +18  | +46   | 58253 | 58307 |
| 2+00E             | 10:35 | 117               | 58078 | 58000 |      |       | +18  | +48   | 58086 | 58070 |
| 1+50E             | 10:41 | 123               | 58309 | 58265 |      |       | +19  | +50   | 58318 | 58337 |
| 1+00E             | 10:44 | 126               | 57692 | 57595 |      |       | +20  | +52   | 57702 | 57669 |
| 0+50E             | 10:47 | 129               | 57983 | 57921 |      |       | +20  | +53   | 57993 | 57996 |
| 0+00E             | 10:49 | 131               | 57648 | 57540 | -10  | +22   | +21  | +54   | 57659 | 57616 |
| 0+00W             | 7:53  | 115               | 57650 | 57571 | -190 | -192  | +199 | +237  | 57659 | 57616 |
| 0+50W             | 7:50  | 112               | 57494 | 57425 |      |       | +194 | +230  | 57498 | 57463 |
| 1+00W             | 7:48  | 110               | 57234 | 57155 |      |       | +190 | +226  | 57234 | 57189 |
| 1+50W             | 7:45  | 107               | 57148 | 57065 |      |       | +185 | +220  | 57143 | 57093 |
| 2+00W             | 7:40  | 102               | 57023 | 56933 |      |       | +176 | +210  | 57009 | 56951 |
| 2+50W             | 7:38  | 100               | 57895 | 57802 |      |       | +173 | +206  | 57878 | 57816 |
| 3+00W             | 7:36  | 98                | 57742 | 57791 |      |       | +169 | +202  | 57721 | 57801 |
| 3+50W             | 7:34  | 96                | 57155 | 57058 |      |       | +166 | +197  | 57131 | 57063 |
| 4+00W             | 7:32  | 94                | 58032 | 57981 |      |       | +162 | +193  | 58004 | 57982 |
| 4+50W             | 7:29  | 91                | 58387 | 58324 |      |       | +157 | +187  | 58354 | 58319 |
| 5+00W             | 7:27  | 89                | 57482 | 57388 |      |       | +154 | +183  | 57446 | 57379 |
| 5+50W             | 7:26  | 88                | 57281 | 57160 | -190 | -192  | +152 | +181  | 57243 | 57149 |

APPENDIX 3: MAGNETOMETER PROFILES

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400

500

WEST

LINE 0

EAST

SENSOR ELEVATION: \_\_\_\_\_ 1 Metre - - - - - 2 Metres  
SCALE: 1:5000

MAGNETOMETER PROFILES  
WHITE/KNIGHT GROUP  
OSOYOOS, M.D. NTS:82E/4E



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100

200

300

400

500

WEST

LINE 1

EAST

SENSOR ELEVATION: \_\_\_\_\_ 1 Metre - - - - - 2 Metres  
SCALE: 1:5000

MAGNETOMETER PROFILES  
WHITE/KNIGHT GROUP  
OSOYOOS, M.D. NTS:82E/4E



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54000

500

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WEST

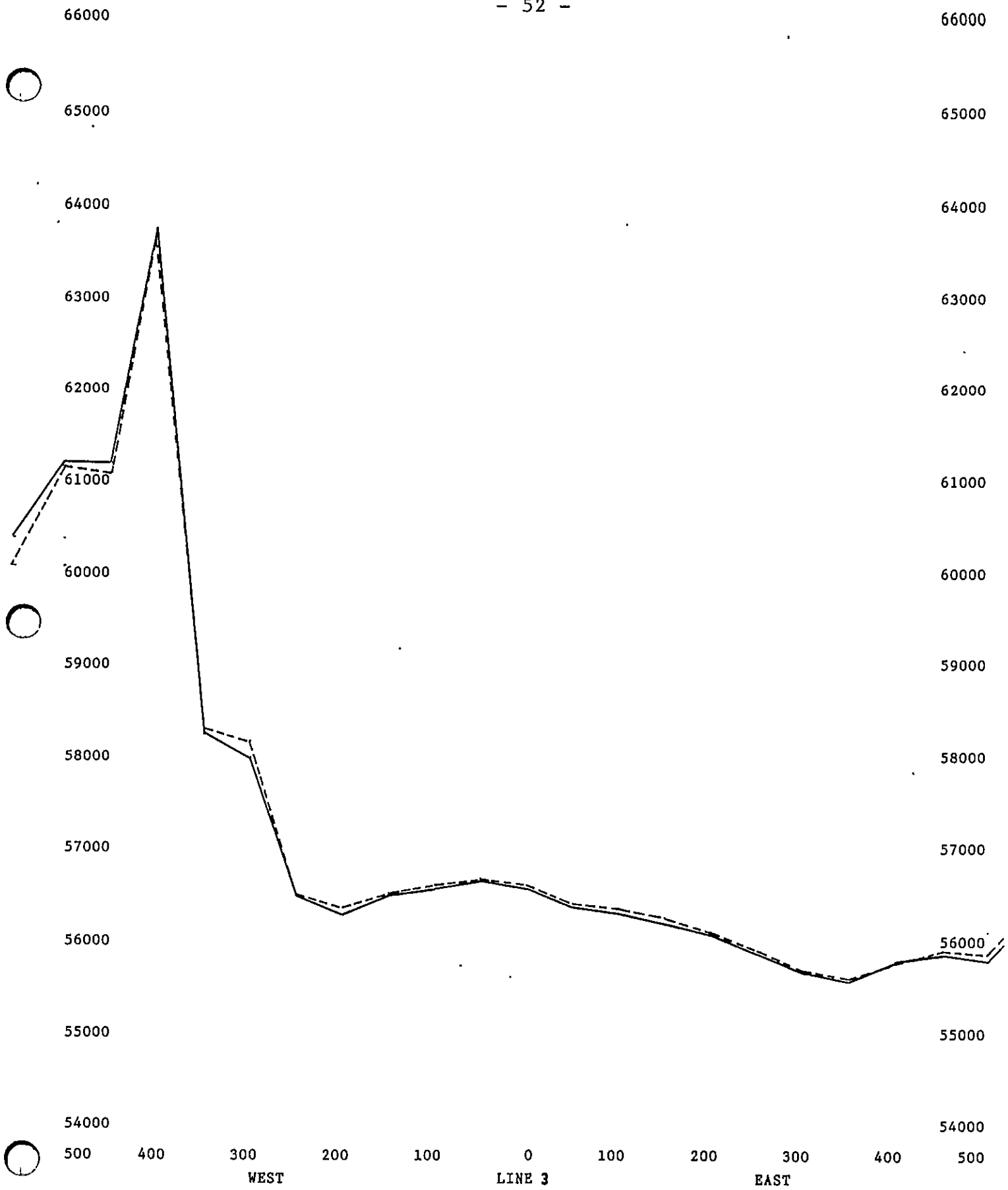
LINE 2

EAST

SENSOR ELEVATION: \_\_\_\_\_ 1 Metre - - - - - 2 Metres  
SCALE: 1:5000

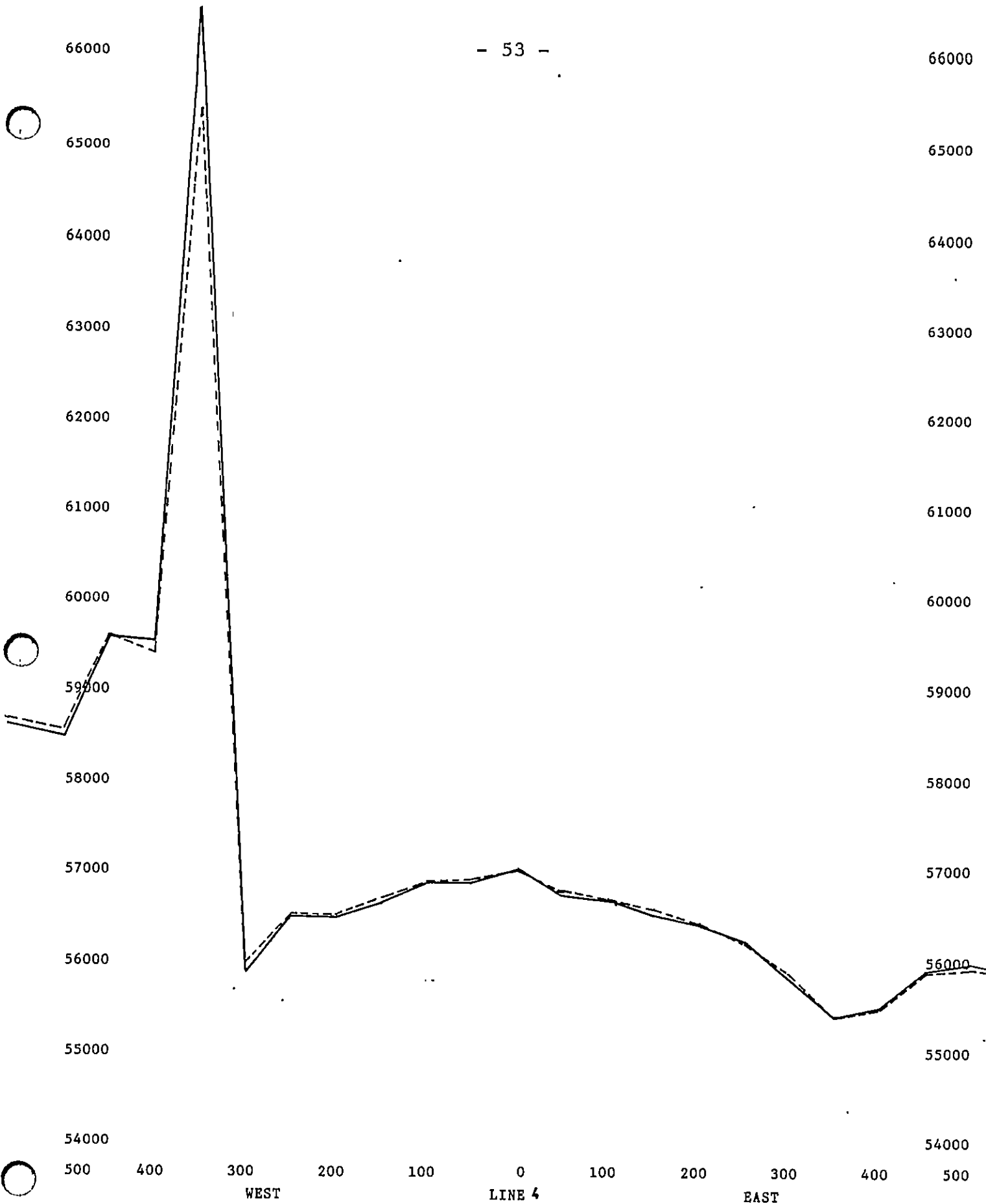
MAGNETOMETER PROFILES  
- WHITE/KNIGHT GROUP  
OSOYOOS, M.D. NTS:82E/4E





SENSOR ELEVATION: \_\_\_\_\_ 1 Metre - - - - - 2 Metres  
SCALE: 1:5000

MAGNETOMETER PROFILES  
WHITE/KNIGHT GROUP  
OSOYOOS, M.D. NTS:82E/4E

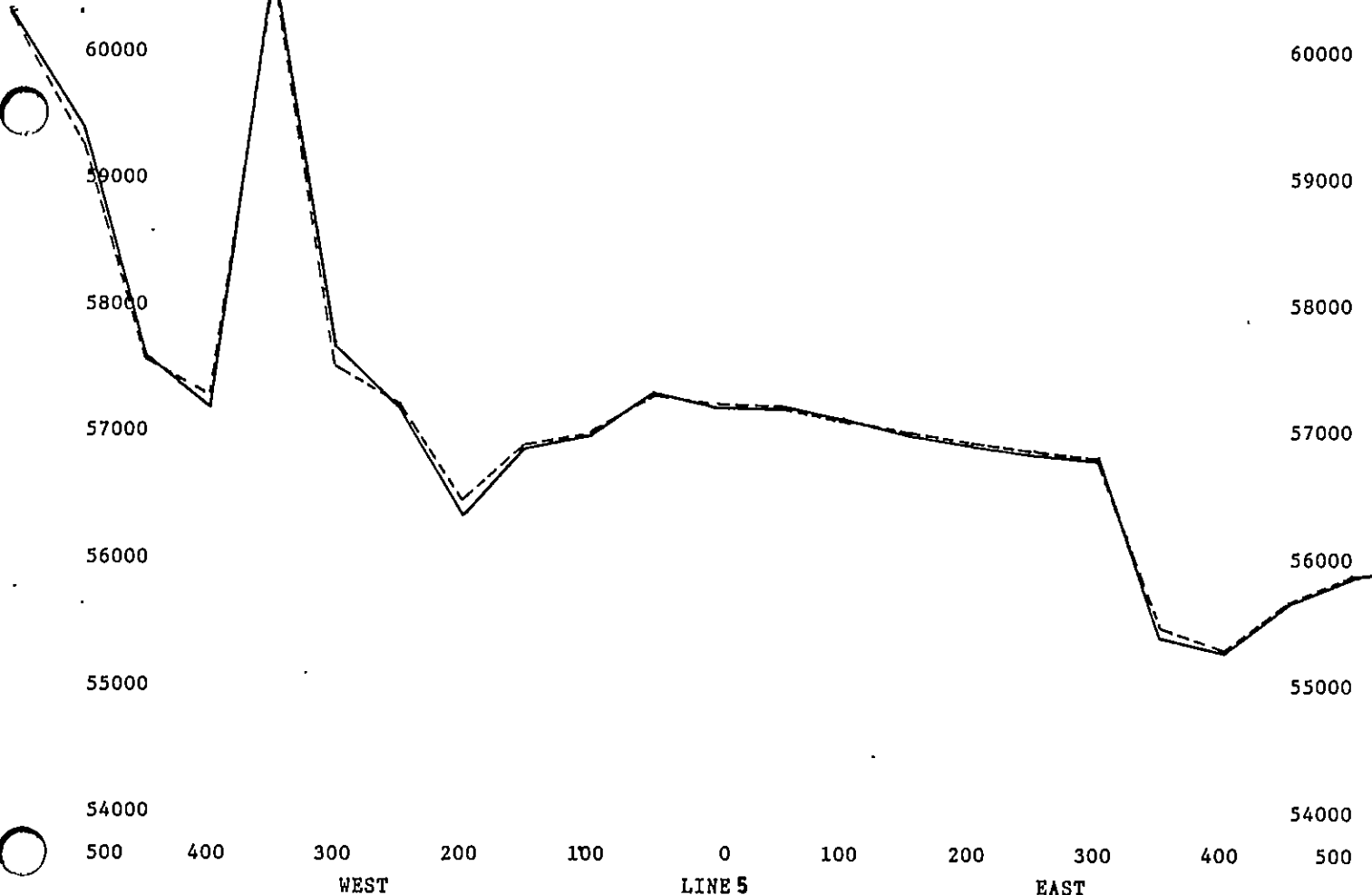


SENSOR ELEVATION: \_\_\_\_\_ 1 Metre - - - - - 2 Metres  
SCALE: 1:5000

MAGNETOMETER PROFILES  
WHITE/KNIGHT GROUP  
OSOYOOS, M.D. NTS:82E/4E

66000  
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SENSOR ELEVATION: \_\_\_\_\_ 1 Metre - - - - - 2 Metres  
SCALE: 1:5000

MAGNETOMETER PROFILES  
WHITE/KNIGHT GROUP  
OSOYOOS, M.D. NTS:82E/4E



66000

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500

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100

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300

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500

WEST

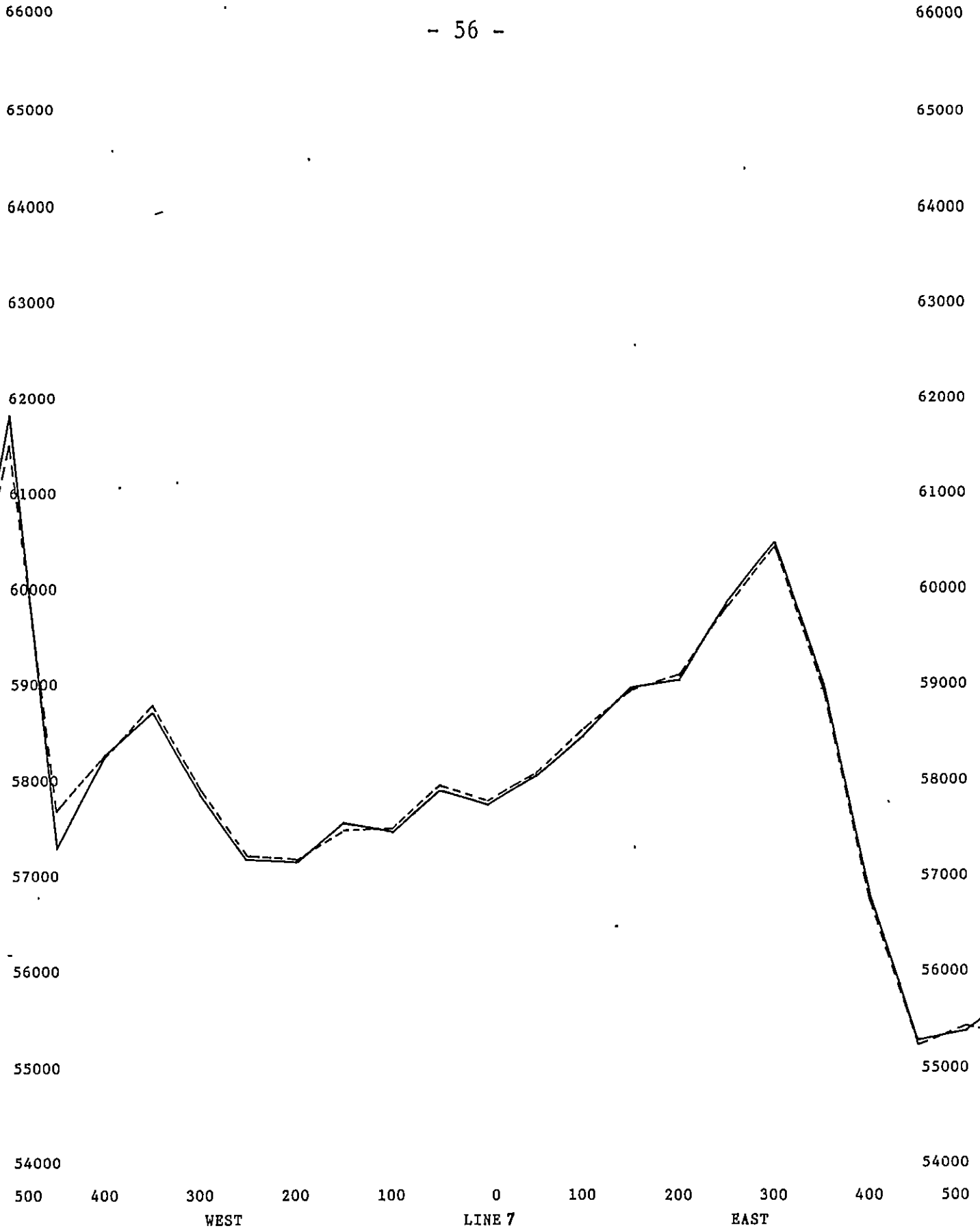
LINE 6

EAST

SENSOR ELEVATION: \_\_\_\_\_ 1 Metre - - - - - 2 Metres  
SCALE: 1:5000

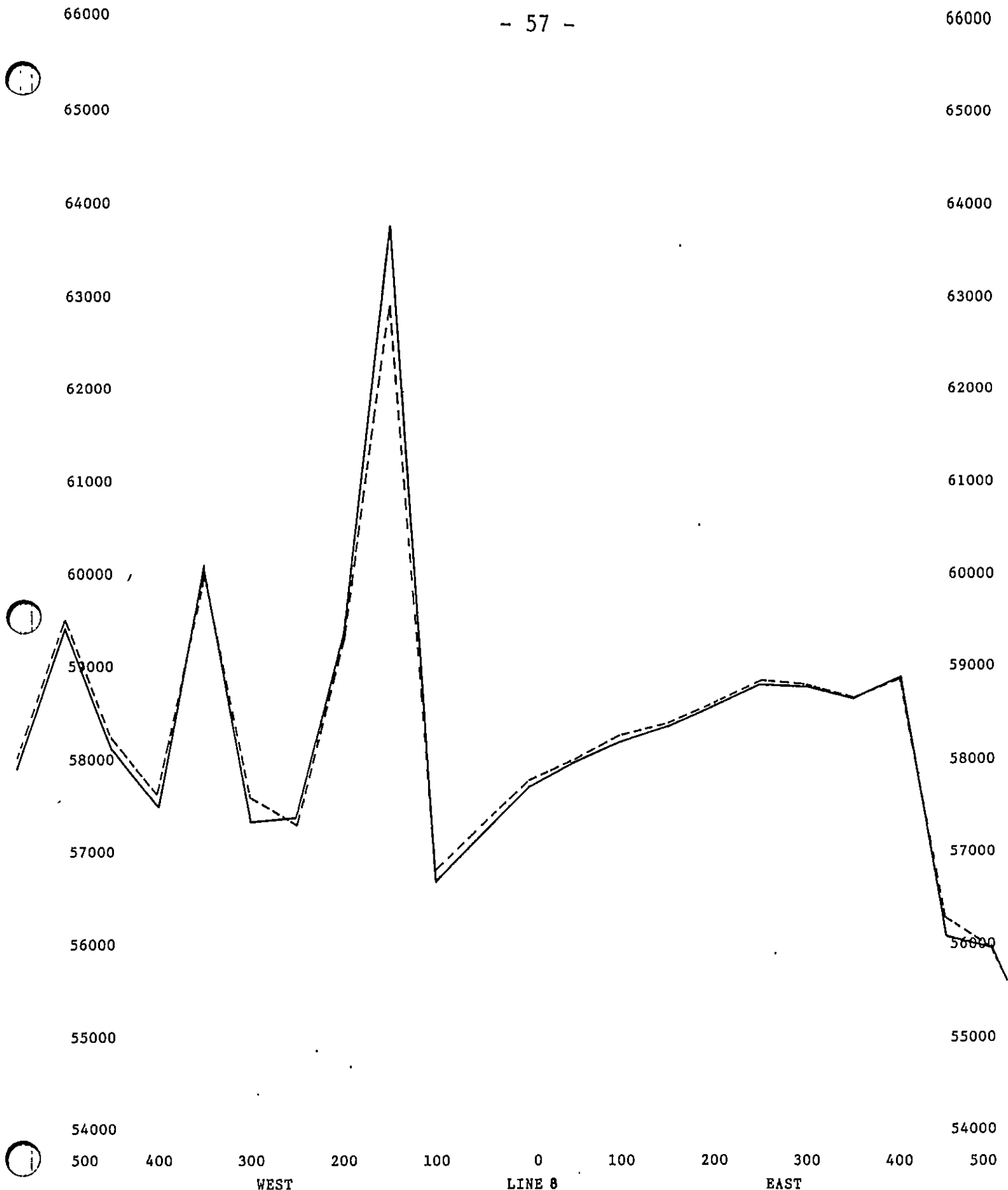
MAGNETOMETER PROFILES  
WHITE/KNIGHT GROUP  
OSOYOOS, M.D. NTS:82E/4E





SENSOR ELEVATION: \_\_\_\_\_ 1 Metre - - - - - 2 Metres  
SCALE: 1:5000

MAGNETOMETER PROFILES  
WHITE/KNIGHT GROUP  
OSOYOOS, M.D. NTS:82E/4E



SENSOR ELEVATION: \_\_\_\_\_ 1 Metre \_\_\_\_\_ 2 Metres  
SCALE: 1:5000

MAGNETOMETER PROFILES  
WHITE/KNIGHT GROUP  
OSOYOOS, M.D. NTS:82E/4E

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54000

500

400

300

200

100

0

100

200

300

400

500

WEST

LINE 9

EAST

SENSOR ELEVATION: \_\_\_\_\_ 1 Metre - - - - - 2 Metres  
SCALE: 1:5000

MAGNETOMETER PROFILES  
WHITE/KNIGHT GROUP  
OSOYOOS, M.D. NTS:82E/4E



APPENDIX 4: 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 NH FE CA P LA CR MG BA TI B 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: JUL 6 1987 DATE REPORT MAILED: July 13/87 ASSAYER: R. Stewart DEAN TOYE, CERTIFIED B.C. ASSAYER

RAY STEWART File # 87-2218

| SAMPLE                 | NO PPM | CU PPM | PB PPM | ZN PPM | AG PPM | NI PPM | CO PPM | MN PPM | FE % | AS PPM | U PPM | AU PPM | TH PPM | SK PPM | CD PPM | SB PPM | BI PPM | V PPM | CA % | P %  | LA PPM | CR PPM | MG % | BA PPM | TI % | B PPM | AL % | NA % | K %  | W PPM | AUT PPM |
|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|-------|--------|--------|--------|--------|--------|--------|-------|------|------|--------|--------|------|--------|------|-------|------|------|------|-------|---------|
| DRILL HOLE #1          | 5      | 44     | 3      | 173    | .1     | 7      | 2      | 187    | .70  | 2      | 6     | ND     | 1      | 12     | 1      | 2      | 2      | 10    | 1.13 | .007 | 2      | 4      | .10  | 17     | .02  | 2     | .17  | .01  | .03  | 4     | 1       |
| DRILL HOLE #2 L3 0+00M | 1      | 54     | 4      | 69     | .1     | 71     | 15     | 309    | 3.33 | 2      | 8     | ND     | 2      | 175    | 1      | 2      | 2      | 73    | 2.35 | .175 | 8      | 110    | 1.22 | 98     | .43  | 2     | 2.08 | .15  | .98  | 1     | 1       |
| L4 4+50E*A             | 1      | 16     | 3      | 14     | .1     | 35     | 12     | 447    | .70  | 5      | 7     | ND     | 1      | 8      | 1      | 2      | 3      | 13    | .70  | .012 | 3      | 10     | .14  | 34     | .06  | 5     | .22  | .01  | .08  | 2     | 1       |
| L4 7+50E               | 1      | 63     | 10     | 56     | .1     | 35     | 12     | 1517   | 1.63 | 6      | 5     | ND     | 2      | 8      | 1      | 2      | 2      | 51    | .63  | .032 | 8      | 20     | .72  | 34     | .08  | 2     | .81  | .01  | .15  | 1     | 1       |
| DRILL HOLE #4 L6 1+15M | 2      | 10     | 4      | 278    | .1     | 13     | 2      | 1942   | 4.46 | 2      | 4     | ND     | 18     | 26     | 1      | 2      | 2      | 12    | .18  | .031 | 69     | 12     | .58  | 34     | .04  | 2     | 1.69 | .07  | .90  | 2     | 1       |
| DRILL HOLE #5 L6 1+15M | 4      | 59     | 4      | 72     | .1     | 32     | 19     | 337    | 4.89 | 2      | 5     | ND     | 3      | 43     | 1      | 2      | 2      | 134   | 2.00 | .234 | 18     | 20     | 1.92 | 149    | .47  | 3     | 1.92 | .25  | .83  | 1     | 2       |
| DRILL HOLE #3 L6 0+75M | 2      | 9      | 4      | 231    | .1     | 2      | 1      | 1994   | 4.21 | 2      | 5     | ND     | 14     | 20     | 1      | 2      | 2      | 3     | .32  | .042 | 33     | 2      | .48  | 15     | .04  | 2     | 1.98 | .06  | 1.19 | 1     | 1       |
| L7 5+10W               | 1      | 157    | 3      | 86     | .1     | 12     | 25     | 769    | 8.40 | 2      | 5     | ND     | 4      | 404    | 1      | 2      | 2      | 280   | 2.97 | .538 | 44     | 21     | 1.26 | 393    | .19  | 6     | 1.35 | .15  | .73  | 1     | 6       |
| L8 1+25W               | 1      | 47     | 5      | 84     | .1     | 29     | 10     | 346    | 3.67 | 2      | 9     | ND     | 4      | 67     | 1      | 3      | 2      | 80    | 1.18 | .140 | 20     | 42     | 1.44 | 143    | .49  | 4     | 1.11 | .12  | .28  | 1     | 2       |
| DRILL HOLE #6 L8 3+75E | 2      | 25     | 3      | 210    | .1     | 5      | 2      | 4226   | 3.74 | 3      | 5     | ND     | 17     | 39     | 1      | 2      | 2      | 18    | .36  | .054 | 108    | 6      | .50  | 46     | .06  | 2     | 1.39 | .13  | .61  | 1     | 1       |
| L8 3+75E               | 2      | 21     | 7      | 257    | .1     | 3      | 1      | 1955   | 4.31 | 2      | 5     | ND     | 20     | 19     | 1      | 2      | 2      | 10    | .19  | .043 | 116    | 1      | .68  | 33     | .03  | 3     | 1.96 | .05  | .89  | 1     | 1       |
| L9 1+75W               | 1      | 53     | 4      | 87     | .2     | 58     | 13     | 436    | 3.93 | 3      | 5     | ND     | 5      | 109    | 1      | 2      | 2      | 79    | 1.05 | .132 | 25     | 105    | 2.02 | 124    | .35  | 3     | 1.17 | .10  | .21  | 1     | 1       |

APPENDIX 5: DETAILED COST STATEMENT

DETAILED COST STATEMENT 1987

A. WAGES & FEES:

|    |  |          |
|----|--|----------|
| 1) | Raymond W. Stewart, 9 days @ \$175/day<br>May 2,9,16; June 6,7,29,21,28,30, 1987 | 1,575.00 |
| 2) | Rita K. Stewart, 9 days @ \$100/day<br>May 2,9,16; June 6,7,20,21,28,30, 1987    | 900.00   |
| 3) | Raymond B. Stewart, 5 days @ \$100/day<br>May 16; June 6,7,20,21, 1987           | 500.00   |

B. FOOD, ACCOMMODATIONS

|               |          |
|---------------|----------|
| 217.71        |          |
| 211.74        |          |
| 371.70        |          |
| 317.06        |          |
| 361.21        |          |
| <u>406.56</u> | 1,885.98 |

23 man days, 82.00/man/day.

C. TRANSPORTATION

|  |        |
|--|--------|
| 4x4 Vehicle - 9 days x 40/day                  | 360.00 |
| VCR to Osoyoos to Vancouver - 6 Trips          |        |
| Osoyoos to Property & Return Osoyoos - 9 Trips | 339.53 |

D. EQUIPMENT

|                                |        |
|--------------------------------|--------|
| Magnetomoeter: 8 days @ 50/day | 400.00 |
| Diamond Drill: 3 days @ 75/day | 225.00 |

E. ANALYSIS

|                             |        |
|-----------------------------|--------|
| 12 SAMPLES @ \$13.66/SAMPLE | 164.00 |
|-----------------------------|--------|

F. SUPPLIES

430.02

G. REPORT: Drafting, typing, Photocopying  
materials

286.00

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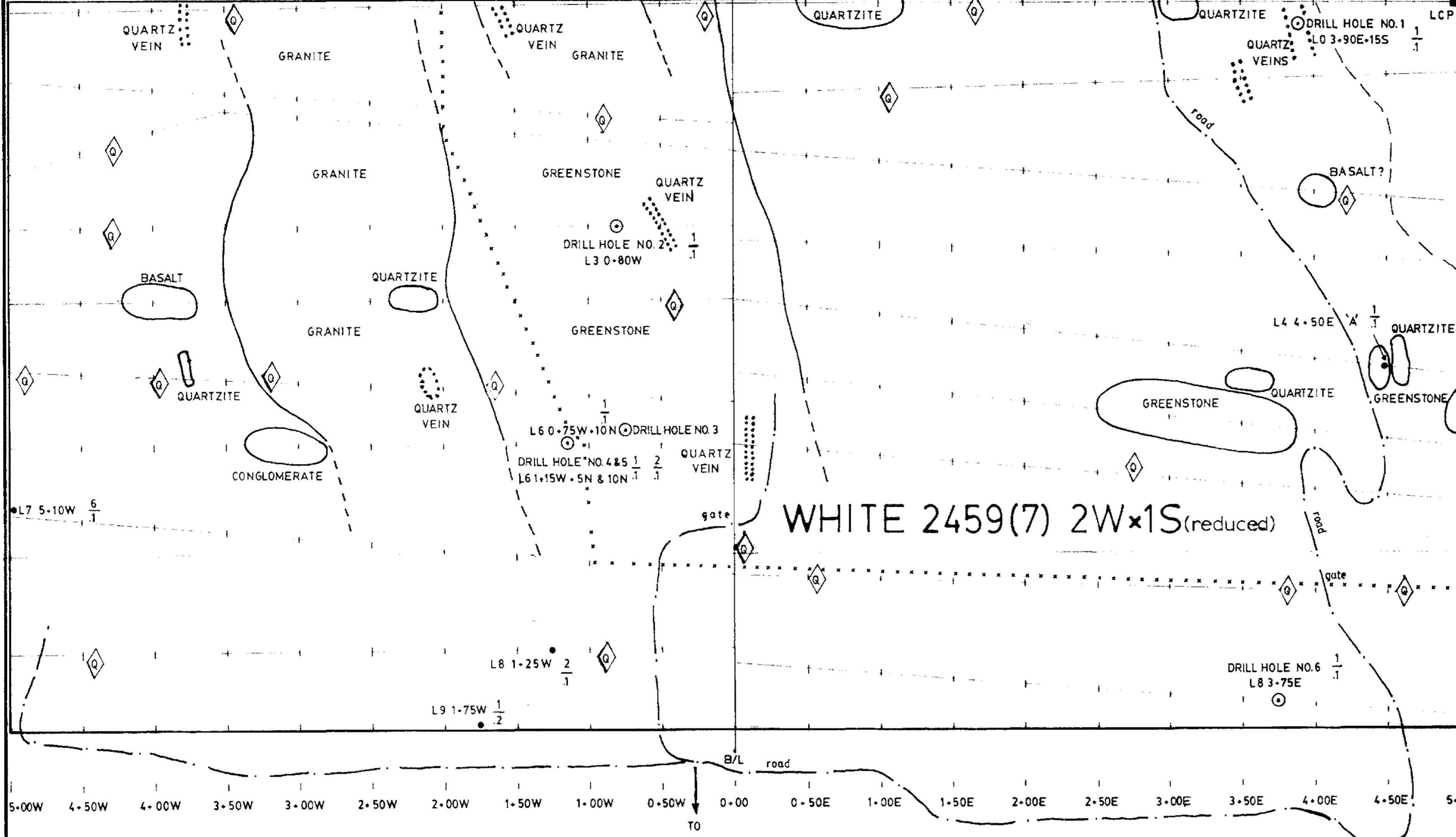
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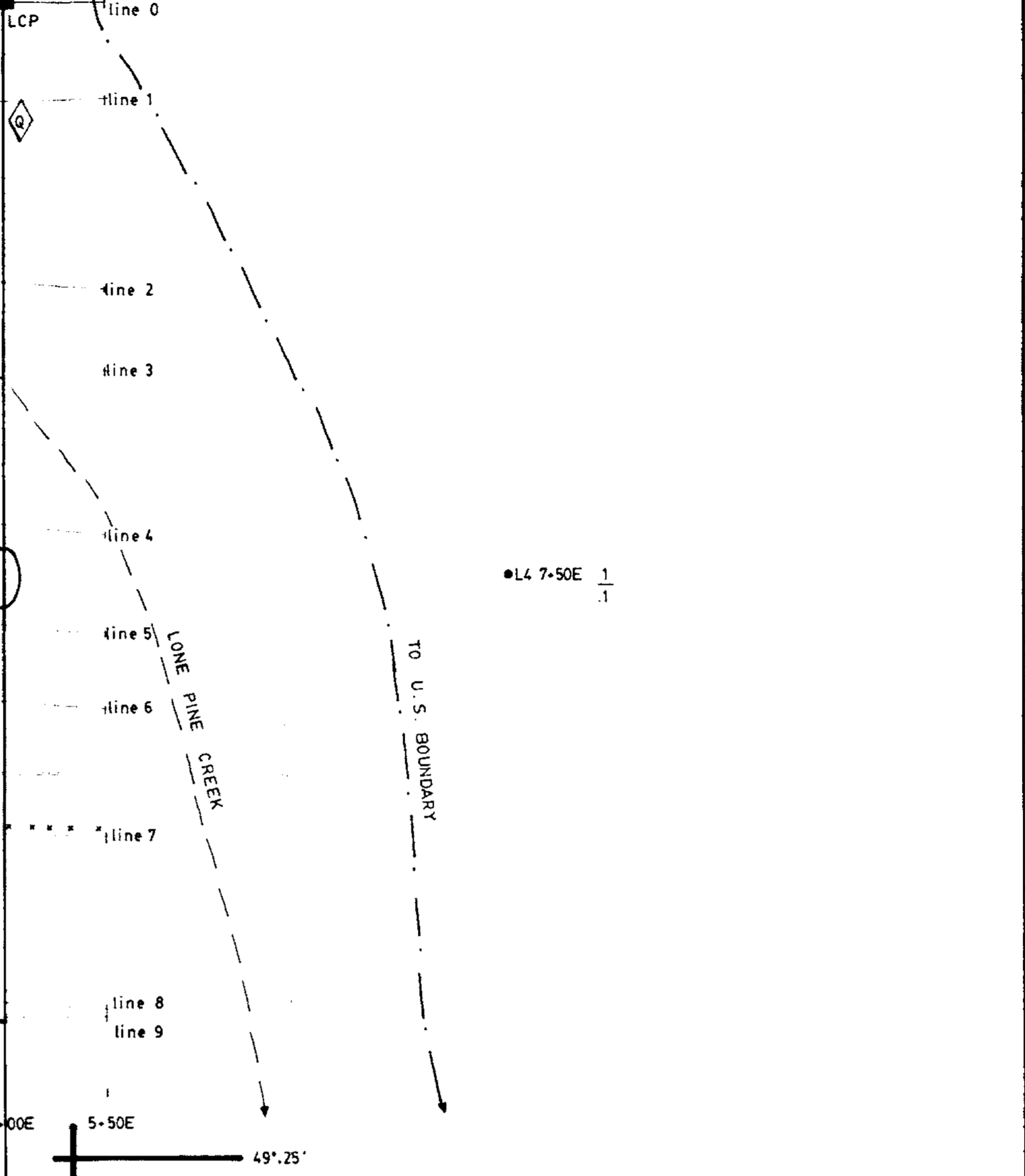
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2WC/P WHITE 2459(7) 2W x 1S(reduced)

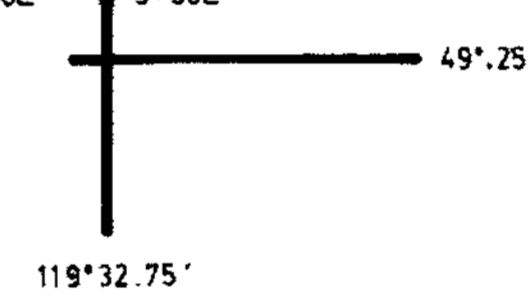
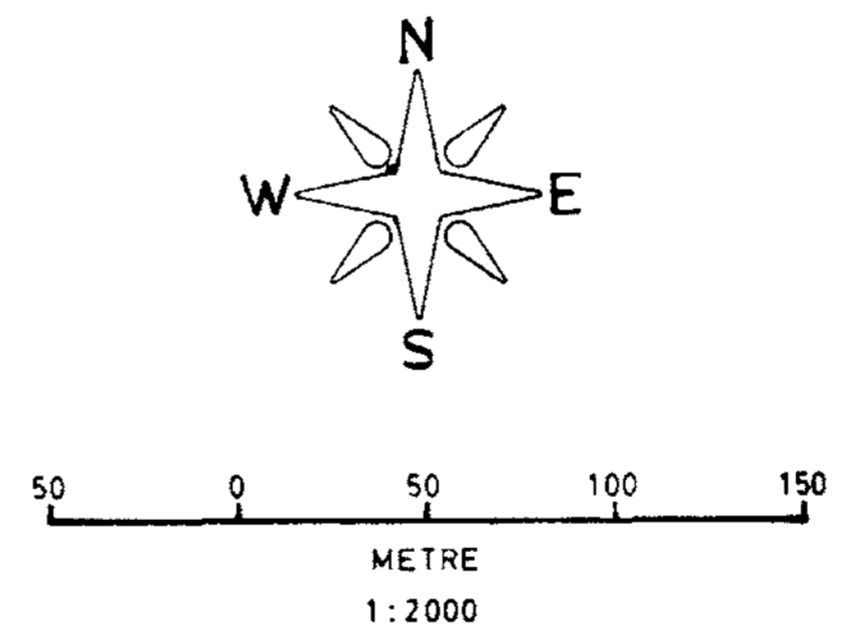


WHITE 2459(7) 2W x 1S(reduced)



KNIGHT 2460(7) 1E x 2S

- ⊙ DRILL HOLE LOCATION
- GEOCHEMICAL (ROCK) SAMPLE LOCATION
- AU PPM LINE and SAMPLE NUMBER  
AG PPM
- ◇ QUARTZ FLOAT
- ROCK TYPE OBSERVED - INFERRED
- ROAD
- CREEK
- ⋯ QUARTZ VEIN
- ⋯ FENCE



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,267

CANADA/UNITED STATES BOUNDARY

R.B. STEWART

WHITE/KNIGHT GROUP  
LONE PINE CREEK  
OSOYOOS, B.C.  
OSOYOOS M.D.

TO ACCOMPANY REPORT BY R.W. STEWART

|             |                   |
|-------------|-------------------|
| SCALE:      | 1:2000            |
| NTS:        | 82E/4             |
| DATE:       | 1987<br>SEPTEMBER |
| MAP:        | 4                 |
| DRAFTED BY: | R.B.S.            |