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ASSESSMENT REPORT
ON THE
GOLD ROCK CLAIM GROUP
ZEBALLOS RIVER AREA
ALBERNI MINING DIVISION
BRITISH COLUMBIA

N. Latitude 50 03'

W. Longitude 126 47'

NTS 92L/2

for

Equus Petroleum Corporation
340-789 W. Pender Street
Vancouver, B.C.
V6C 1J6

By

R.J. ENGLUND, B.Sc.

May 20, 1993

Surrey, B.C.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,904

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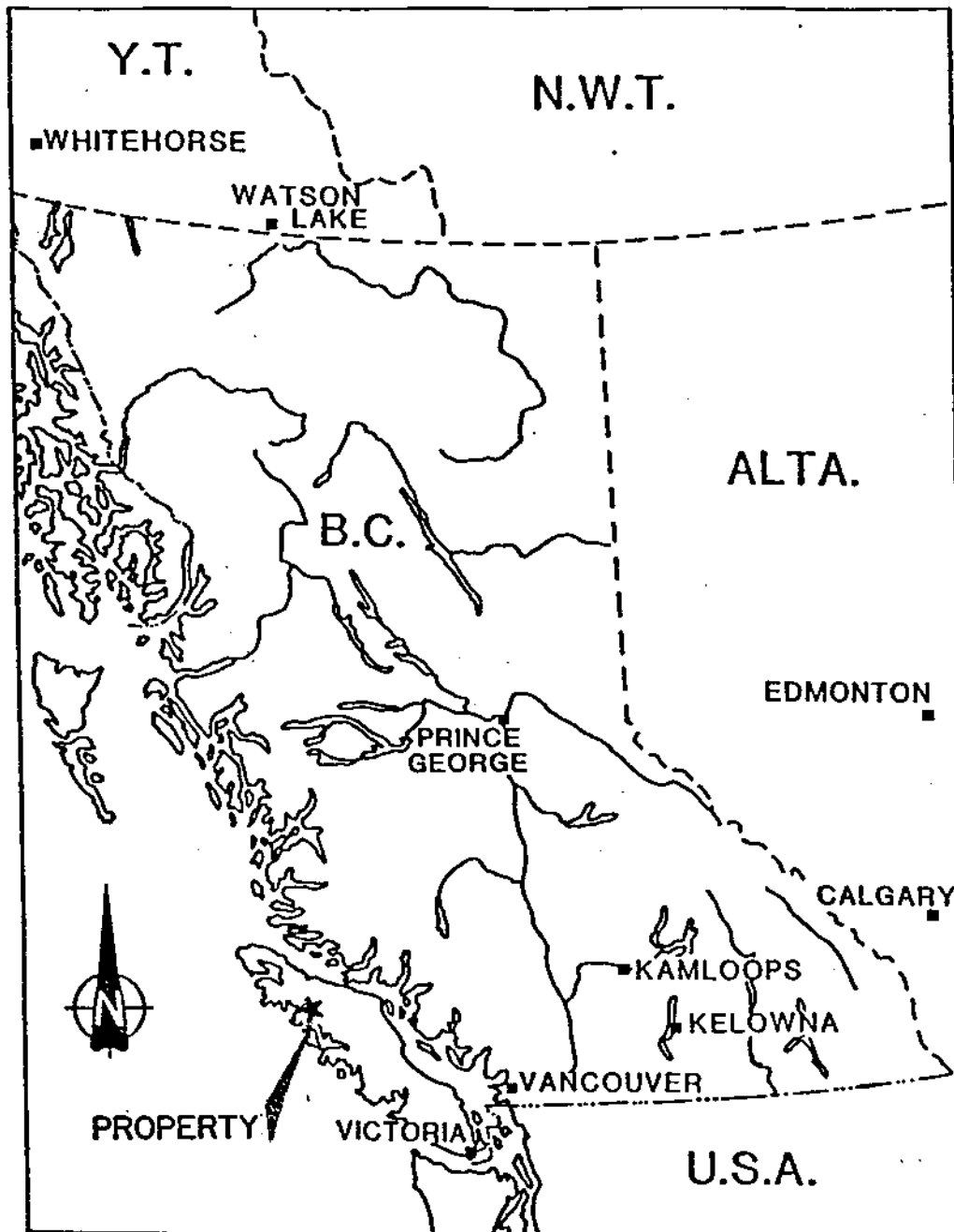
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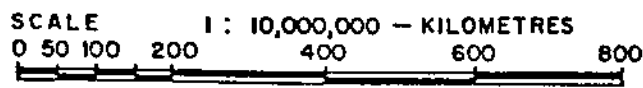
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EQUUS PETROLEUM CORPORATION	
GOLD ROCK CLAIM GROUP	
ALBERNI M.D.	NTS 92L/2W
GENERAL LOCATION MAP	
To accompany a report by: R.J. Englund, B.Sc.	
Dwg. by : RJE/JL	Date : MAY 1993
FIG. 1	



1. INTRODUCTION

Pursuant to a request by the directors of Equus Petroleum Corporation a mineral exploration program was carried out on the Gold Rock Claim Group during the period March 16 to March 22, 1993.

The purpose of the program was to delineate potential northwest trending mineralized fault structures that may be associated with a linear magnetic low branching southeastward from the Zeballos River fault zone outlined in a 1975 magnetometer survey.

1.1 Location and Access

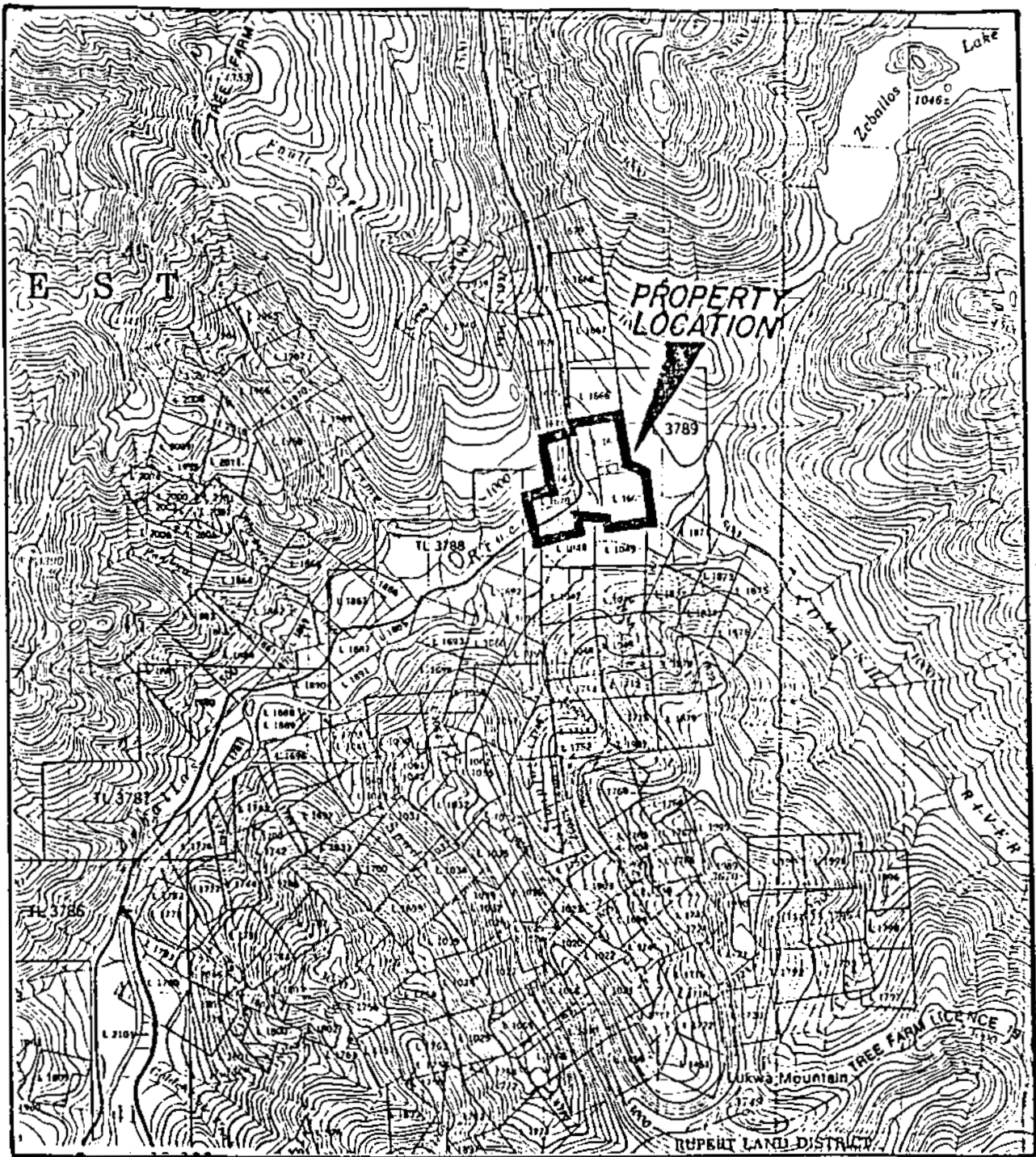
The Gold Rock property is located in the Alberni Mining Division some 10 kilometers north-northeast of the town of Zeballos on Vancouver Island. The central claim area is located at 50 degrees, 03 minutes N. latitude and 126 degrees, 47.5 minutes W. longitude and is indicated on NTS map sheet 92L/2.

The claims cover the confluence of the Zeballos and Nomash Rivers and are easily accessed by a good gravel logging road that leads south from Island Highway 19 to the town of Zeballos. This road passes north-south through the western claims area and a secondary logging road, crossing the Zeballos and Nomash Rivers, provides access to the southern and eastern claim areas.

1.2 Physiography

The claims are situated on the west side of the Hiathe Range and southwest of Zeballos Lake at elevations varying from 120 meters in the river valley to 300 meters above sea level in the northwest claim area. Topography east of the Zeballos River is gentle and generally covered by alluvial deposits in the southern claims areas. The claim area west of the river has moderate to very steep slopes and abundant outcrop.

The area has been logged and reforested. Second growth timber consists mainly of Cedar, Douglas Fir, and Hemlock. Rainfall is abundant and the climate is moderate in this part of Vancouver Island.



EQUUS PETROLEUM CORPORATION

GOLD ROCK CLAIM GROUP

ALBERNI M.D.

NTS 92L/2W

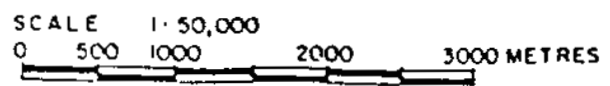
TOPOGRAPHIC MAP

To accompany a report by:
R.J. Englund, B.Sc.

Dwg. by: RJE/JL

Date: MAY 1993

FIG. 2

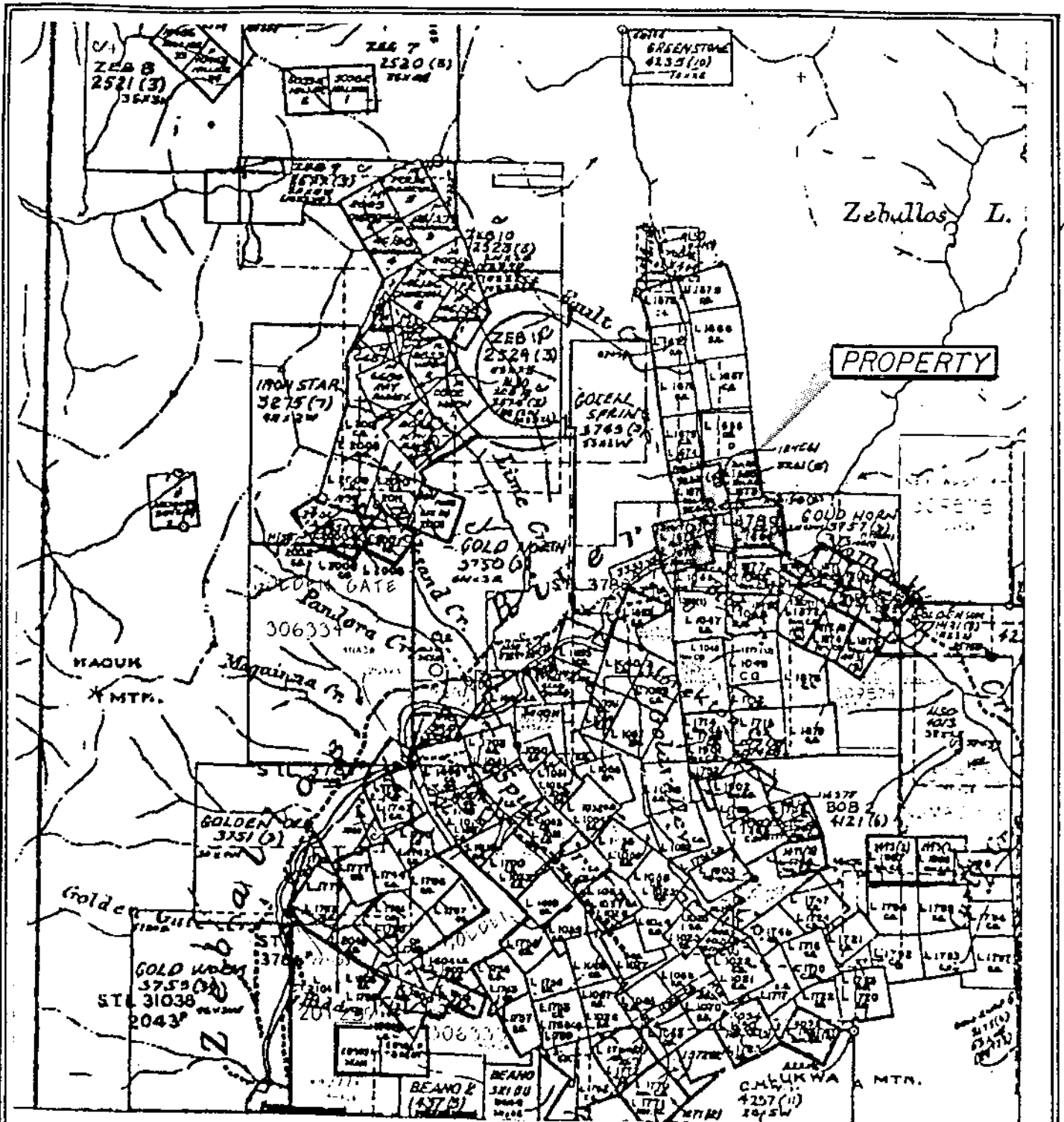


1.3 Property Status

The property consists of six reverted Crown Grant claims. Information on file with the Gold Commissioner at Port Alberni, B.C. is as follows:

<u>Claim Name</u>	<u>Lot No.</u>	<u>Tenure No.</u>	<u>Expiry Date</u>
Gold Rock 3	1669	200504	Mar.25,1993
Gold Rock 1	1670	200505	Mar.25,1993
Yauco Fr.	1673	200506	Mar.25,1993
Gold Rock Fr.	1672	200543	May 20,1993
Yauco 4	1665	200544	May 20,1993
Yauco 2	1671	200545	May 20,1993

The claims are shown on the British Columbia Mineral Claim Map 92L/2W (Figure 3). Assessment work has been filed, this report being a part of that work, to keep the claims in good standing until 1996.



EQUUS PETROLEUM CORPORATION	
GOLD ROCK CLAIM GROUP	
ALBERNI M.D.	NTS 92L/2W
CLAIM PLAN	
To accompany a report by: R. J. Englund, B. Sc.	
Dwg. by : RJE/JL	Date : MAY 1993
FIG. 3	

SCALE 1:50,000
 0 500 1000 2000 3000 METRES

2. HISTORY

The recorded history of the Zeballos mining camp goes back to the early 1900's when some placer gold was found in the area. The first gold vein was discovered in 1924 near the present town of Zeballos and during the period 1926 to 1948 thirteen lode-gold vein mines produced a total of 287,811 ounces of gold.

The present Gold Rock claim group is part of the south portion of the King Midas property staked in 1926. Record show the King Midas shipped one ton of ore containing five ounces of gold and one ounce of silver. This production is reportedly from narrow gold-quartz veins which occur just north of the present claims in the Fault Creek area.

A magnetometer survey over the claims area was conducted in December 1975 (private report for Diana Explorations Ltd. by D.W. Tulley, P.Eng. dated Jan.15, 1976) and delineated a distinctive near north trending magnetic low which was interpreted to reflect the major Zeballos River fault zone. Also outlined during the survey was "another magnetic low branching southeast from this north-northwest anomaly in the area of the common boundary of claims 20378 and 20382" (the Yauco 2 and Gold Rock Fr. claims).

A limited soils geochemistry and magnetic survey was carried out in March 1988 in the southwestern claims area. These surveys identified some anomalous but poorly defined zones of interest on relatively steep slopes.

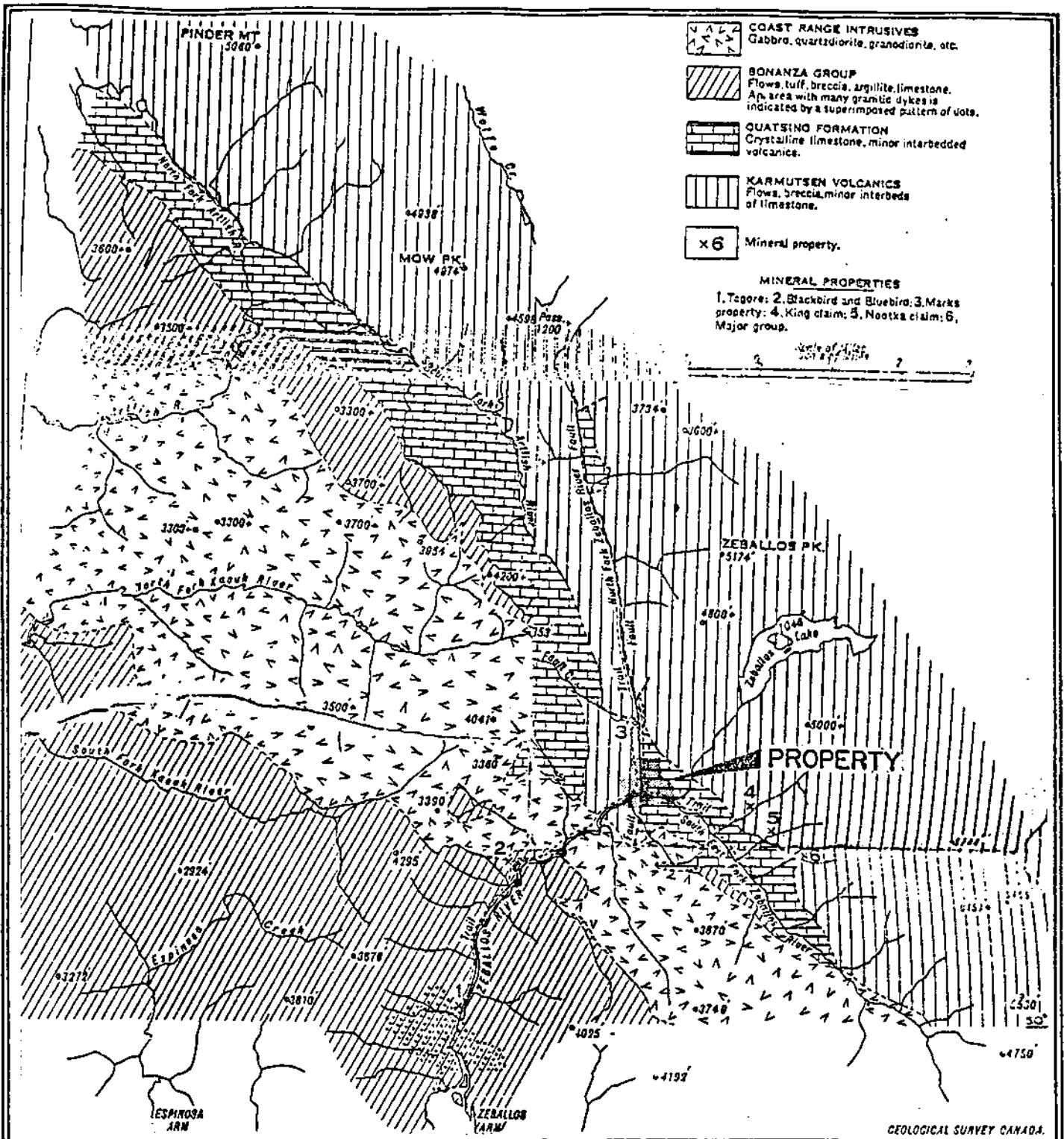
3. GEOLOGY

The Mid to Upper Triassic age Karmutsen volcanics, the oldest unit in the area, outcrop extensively on the west side of the Zeballos River as dark green to black basaltic lavas. On the east side of the river, several outcrops of Upper Triassic Quatsino Limestone occur as creamy white to light grey, fine grained limestones. Minor horizons or interbeds of volcanics have been noted within the limestone unit.

A major, northerly trending fault in or near the Zeballos River marks the contact between the Karmutsen and Quatsino formations in the claims area (Figure 4).

Regional mapping indicates a large, northwest trending mass of Jurassic Coast Intrusives to the south of the property. Also, just south of the claims is a small pluton of Tertiary age quartz diorite intrusive which has been almost exclusively related to the gold-quartz vein mineralization on Vancouver Island (G.S.C. Paper 74-8).

The reported general strike of gold bearing veins in the area is northwest, tangential to the main north-south fault along the Zeballos River. The veins generally contain pyrite, sphalerite, and arsenopyrite with some galena, pyrrhotite, and chalcopyrite.



COAST RANGE INTRUSIVES
Gabbro, quartzdiorite, granodiorite, etc.

BONANZA GROUP
Flows, tuff, breccia, argillite, limestone. An area with many granitic dykes is indicated by a superimposed pattern of dots.

QUATSINO FORMATION
Crystalline limestone, minor interbedded volcanics.

KARMUTSEN VOLCANICS
Flows, breccia, minor interbeds of limestone.

x 6 Mineral property.

MINERAL PROPERTIES
1. Togo; 2. Blackbird and Bluebird; 3. Marks property; 4. King claim; 5. Nootka claim; 6. Major group.

Scale of Miles
0 1 2

GEOLOGICAL SURVEY CANADA.

GEOLOGICAL SURVEY OF CANADA

SUMMARY REPORT

1932 Part A II

EQUUS PETROLEUM CORPORATION	
GOLD ROCK CLAIM GROUP	
ALBERNI M.D.	NTS 92 L/2W
REGIONAL GEOLOGY	
To accompany a report by: R. J. Englund, B. Sc.	
Dwg. by : RJE/JL	Date : MAY 1993
FIG. 4	

4. GEOPHYSICS

4.1 Field Work

Field work was carried out during the period March 16 to March 22, 1993 and consisted of VLF-EM Electromagnetic survey over the east central area of the claims and a reconnaissance survey line on the west side of the Zeballos River.

A baseline was established from a point 300 meters northwest of the confluence of the Nomash River and the river from Zeballos Lake. The baseline was chained and flagged for a distance of 375 meters where it intersected the Zeballos River. Survey lines were run at 020 degrees at 50 meter intervals along the baseline. As well, the baseline was extended across the Zeballos River and measured to the main road where a single reconnaissance survey line was run northerly along the road. A total of 5 kilometers of survey data was collected at 12.5 meter station spacing and generally 50 meter line separation.

4.2 VLF-EM Survey

The VLF-Electromagnetic survey was completed using a Sabre Electronics Model 27 receiver and Lualualei, Oahu as the transmitter source. Both dip angle and field strength measurements were recorded. Dip angle measurements were filtered using the Fraser Filter Method to establish positive values for cross-overs (conductors). Dip angle and field strength values are presented in profile plot plan format as Figure 5 and Fraser Filtered results are presented in contour format as Figure 6.

A single survey line, L475W, was run north-south along the main road west of the Zeballos River. A field plot of the data did not show any significant conductive zones, however a significant increase in Secondary Field Strength was noted at station 625N. A plot of this survey line is not included as part of this report. The survey line data is included as part of Appendix 1.

4.3 Results and Interpretation

The E.M. results show a number of west-northwest, weak to very weak conductive zones within the survey grid area. These conductors are not distinctive in the sense of being single conductors but rather represent a broader zone of conductive overburden or bedrock.

However, a very significant increase in Secondary Field Strength readings is centred at about 225N to 275N on Lines 00 through 200W. This zone of increased Field Strength trends west-northwest and is flanked by weak conductive zones on both the low (south) and high (north) sides of the anomaly. This anomaly

probably reflects a change in bedrock geology and is interpreted to represent a fault or geologic contact. Although the Field Strength readings do not show the same type of increase, the anomaly extends through Lines 250W and 300W as near parallel weak conductors. A similar increase in Secondary Field Strength is also noted on Line 475W at station 625N, some 450 meters west-northwest of, and on strike with, the grid survey anomaly. Abundant outcrop in the roadcut here does not show a readily visible geologic cause for the Field Strength variation.

A 1975 Magnetometer survey (Report by D.W. Tulley dated Jan.15, 1976) outlined a linear magnetic low trending southeast from the common boundary of the Yauco 2 and Gold Rock Fr. claims. The location of this anomaly cannot be accurately placed with respect to the present survey, however the general location of the 1975 magnetic anomaly and the E.M. anomaly is considered close and it is proposed that both anomalies result from the same cause, a possible geologic fault contact through this area.

5. SUMMARY AND CONCLUSIONS

The Gold Rock claim group is comprised of six reverted crown grant claims covering the confluence of the Zeballos and Nomash Rivers some ten kilometers north-northeast of the town of Zeballos on Vancouver Island.

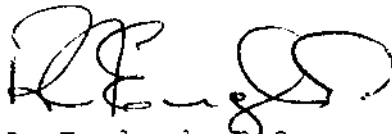
The present exploration program was carried out to delineate potential mineral targets which may trend northwesterly through the claims area.

Results of the E.M. survey have outlined a relatively broad zone of increased Secondary Field Strength values flanked by weak conductive zones which may be near coincident with a previously outlined magnetic low trend. The anomaly is interpreted to reflect a west-northwesterly striking fault contact. Several other very weak conductors are attributed to variations in the depth of overburden and/or groundwater.

The Zeballos area is known for very narrow, high grade gold bearing quartz veins occurring along fissure-filled fractures associated with fault zones. The E.M. survey has indicated a potential west-northwesterly trending fault zone.

Follow up work should include geological mapping and detailed soil sampling to identify the mineral potential of the anomaly. A detailed magnetometer survey to further define the postulated fault zone is also recommended. Defined areas of interest will warrant further detail work which may include trenching.

Respectfully submitted,



R.J. Englund, B.Sc.

May 20, 1993

6. REFERENCES

- MULLER, J.E., NORTHKOTE, K.E., and CARLISLE, D., 1974
Geology and Mineral Deposits of Alert-Cape Scott Map
Area, Vancouver Island, British Columbia, G.S.C.
Paper 74-8
- HOADLY, J.W., 1953
Geology and Mineral Deposits of the Zeballos-
Nimpkish area, Vancouver Island, British Columbia,
G.S.C. Memoir 272
- TULLEY, D.W., 1976
Geophysical Assessment Report on the Big Ben Fraction,
Yauco No. 2, 4, Fraction, Gold Rock No. 1, 3, Fraction
Mineral Claims, Zeballos River Area, January 15, 1976.
- BUTLER, S.P., 1988
Assessment Report on the Gold Rock Claim Group, Alberni
Mining Division, British Columbia, April 19, 1988
- B.C. Minister of Mines Annual Report, 1932 and 1938
- Geological Survey of Canada, Summary Report, 1932

7. CERTIFICATE

I, Ralph J. Englund of 17948 - 24th Avenue, Surrey, Province of British Columbia, do hereby certify that:

1. I graduated in 1970 from the University of British Columbia with a Bachelor of Science degree.
2. I have been engaged in the teaching and practice of exploration geophysics throughout Canada and the western United States since 1972.
3. My application for registration with the Association of Professional Engineers and Geoscientists of British Columbia is pending.
4. This report is based on personal field work and direct supervision of the field work completed during March, 1993.

Dated at Surrey, Province of British Columbia, this 20th day of May, 1993.


R.J. Englund, B.Sc.

8. TIME-COST DISTRIBUTION

Field work was completed by R.J. Englund & Associates personnel during the period March 16 to March 22, 1993. A listing of personnel and distribution of costs is as follows:

PERSONNEL

R.J. Englund, B.Sc.	Geophysicist
J. Gibson	Field Assistant

COST DISTRIBUTION

Field Work - March 16 - 22, 1993	
Geophysicist - 7 days @ \$235/day	
Field Assist. - 3 days @ \$125/day	\$ 2,020.00
Room & Board	
9 man days @ \$60/man day	540.00
Camper Van - 7 days @ \$70/day (incl. fuel, insurance, etc.)	490.00
Geophysical Equipment Rental	
VLF-EM Receiver -	
1 week @ \$140/week	140.00
Field supplies and consumables	
5 days @ \$20/day	60.00
Assessment Report, including drafting, printing, etc.	1,200.00

	\$ 4,450.00

per: 
R.J. Englund and Associates.

APPENDIX 1:

VLF-E.M. Survey Data

VLF EM SURVEY

PROPERTY : GOLD ROCK INSTR.: SABRE DATE : MAR 17/93

OPERATOR : R.E. TRANS.: HAWAII TRAVEL : N

GAIN SET.:

LINE NO.: "L 0+00W		1	2	3	4
STN.	REMARKS.	FLD. STR.	DIP.	FILTER	
1	00	55	-1		1
2		60	-1		2
3	25N	53	+3	-8	3
4		51	+3	0	4
5	50	50	+1	+8	5
6		58	-3	+10	6
7	75	53	-3	+3	7
8		58	-2	-3	8
9	100N	60	-1	-1	9
10		58	-3	+5	10
11	125	50	-5	+3	11
12		60	-2	-2	12
13	150	65	-4	+2	13
14		55	-5	+1	14
15	175	65	-2	-4	15
16		68	-3	-1	16
17	200N	70	-3	+2	17
18		75	-4	+3	18
19	225	70	-5	-1	19
20		78	-1	-8	20
21	250	80	0	-1	21
22		80	-5	+8	22
23	275	75	-4	+6	23
24		80	-7	+3	24
25	300N	85	-5	0	25
26		75	-6	-6	26
27	325	75	0	-12	27
28		70	+1	-5	28
29	350	68	-2	+4	29
30		70	-1	+2	30
31	375	65	+2	-4	31
32		68	-1	+6	32
33	400N	60	-4	+8	33
34		70	-3	-1	34
35	425	75	+1	-3	35
36		70	-3	+3	36
37	450	65	+4	+2	37
38		70	-2	-4	38
39	475	70	-1	-3	39
40		70	+2	0	40
	500N	75	-1		

VLF EM SURVEY

PROPERTY : *GOLD ROCK*

INSTR.: *SABRE*

DATE : *MAR 18/93*

OPERATOR : *RE*

TRANS.: *HAWAII*

TRAVEL : *N*

GAIN SET.: _____

LINE NO.: <i>0+50W</i>		1	2	3	4
STN.	REMARKS.	FLD. STR.	DIP.	FILTER	
1	<i>FL</i>	<i>45</i>	<i>+1</i>		1
2		<i>40</i>	<i>+2</i>		2
3	<i>25</i>	<i>53</i>	<i>0</i>	<i>3</i>	3
4		<i>50</i>	<i>0</i>	<i>-1</i>	4
5	<i>50</i>	<i>51</i>	<i>-3</i>	<i>+5</i>	5
6		<i>58</i>	<i>-2</i>	<i>0</i>	6
7	<i>75</i>	<i>50</i>	<i>-1</i>	<i>+1</i>	7
8		<i>55</i>	<i>-5</i>	<i>+8</i>	8
9	<i>100N</i>	<i>57</i>	<i>-6</i>	<i>+4</i>	9
10		<i>53</i>	<i>-4</i>	<i>-4</i>	10
11	<i>125</i>	<i>58</i>	<i>-3</i>	<i>0</i>	11
12		<i>58</i>	<i>+7</i>	<i>+5</i>	12
13	<i>50</i>	<i>53</i>	<i>+5</i>	<i>-3</i>	13
14		<i>50</i>	<i>-2</i>	<i>-9</i>	14
15	<i>75</i>	<i>62</i>	<i>-1</i>	<i>-5</i>	15
16		<i>50</i>	<i>-1</i>	<i>+4</i>	16
17	<i>200N</i>	<i>68</i>	<i>-6</i>	<i>+10</i>	17
18		<i>55</i>	<i>+6</i>	<i>+2</i>	18
19	<i>25</i>	<i>65</i>	<i>-3</i>	<i>-3</i>	19
20		<i>70</i>	<i>-6</i>	<i>+3</i>	20
21	<i>50</i>	<i>70</i>	<i>-6</i>	<i>0</i>	21
22		<i>75</i>	<i>-3</i>	<i>-9</i>	22
23	<i>75</i>	<i>80</i>	<i>-1</i>	<i>-6</i>	23
24		<i>82</i>	<i>-2</i>	<i>+4</i>	24
25	<i>300N</i>	<i>80</i>	<i>-6</i>	<i>+8</i>	25
26		<i>85</i>	<i>-6</i>	<i>+1</i>	26
27	<i>25</i>	<i>78</i>	<i>+5</i>	<i>-7</i>	27
28		<i>72</i>	<i>-4</i>	<i>8</i>	28
29	<i>50</i>	<i>65</i>	<i>0</i>	<i>-1</i>	29
30		<i>80</i>	<i>-1</i>	<i>+3</i>	30
31	<i>75</i>	<i>80</i>	<i>+2</i>	<i>-2</i>	31
32		<i>65</i>	<i>-2</i>	<i>-4</i>	32
33	<i>400N</i>	<i>65</i>	<i>+1</i>	<i>+1</i>	33
34		<i>60</i>	<i>-1</i>	<i>+4</i>	34
35	<i>25</i>	<i>75</i>	<i>+1</i>	<i>+2</i>	35
36		<i>75</i>	<i>-3</i>	<i>-1</i>	36
37	<i>50</i>	<i>75</i>	<i>-1</i>	<i>+2</i>	37
38		<i>73</i>	<i>-2</i>	<i>+4</i>	38
39	<i>75</i>	<i>78</i>	<i>-4</i>	<i>-1</i>	39
40		<i>80</i>	<i>-3</i>	<i>-3</i>	40
	<i>500N</i>	<i>78</i>	<i>+2</i>		40
		<i>75</i>	<i>-2</i>		

VLF EM SURVEY

PROPERTY : Gold Rock INSTR.: SABRE DATE : MAR 18/93

OPERATOR : RE TRANS.: HAWAII TRAVEL : 5

GAIN SET.:

LINE NO.: 100 W		1	2	3	4
STN.	REMARKS.	FLD. STR.	DIP.	FILTER	
1	B	50	-1		1
2		48	+1	+6	2
3	25	55	+2	+5	3
4		65	-4	-1	4
5	50	61	-2	+1	5
6		50	-3	+1	6
7	75	50	-4	0	7
8		58	-2	+2	8
9	100N	60	-5	-2	9
10		68	-3	-3	10
11	25	65	-2	-1	11
12		65	-3	-4	12
13	50	63	-1	-2	13
14		60	0	+6	14
15	75	68	-2	+8	15
16		70	-5	+2	16
17	200N	73	-5	0	17
18		68	-4	+2	18
19	25	75	-6	-3	19
20		75	-5	-10	20
21	50	78	-2	-4	21
22		75	+1	+6	22
23	75	85	-4	+2	23
24		85	-3	-4	24
25	300N	80	-2	-5	25
26		75	-1	-2	26
27	25	78	+1	+5	27
28		75	-2	+3	28
29	50	65	-3	-2	29
30		72	-1	-1	30
31	75	65	-2	+1	31
32		65	+1	+4	32
33	400N	70	-3	+2	33
34		73	-4	-3	34
35	25	60	-2	-1	35
36		65	-2	+3	36
37	50	73	-3	+1	37
38		68	-4	-4	38
39	75	73	-2	-3	39
40		80	-1		40
	500N	75	-2		

VLF EM SURVEY

PROPERTY : Gold Rock INSTR.: SABRE DATE : MAR 19/93
 OPERATOR : RE TRANS.: HAWAII TRAVEL : N

GAIN SET.:

LINE NO.: <u>L 150W</u>		1	2	3	4
STN.	REMARKS.	FLD. STR.	DIP.	FILTER	
1	<u>00</u>	<u>58</u>	<u>0</u>		1
2		<u>55</u>	<u>+1</u>	<u>+4</u>	2
3	<u>25N</u>	<u>45</u>	<u>-1</u>	<u>+8</u>	3
4		<u>50</u>	<u>-2</u>	<u>+6</u>	4
5	<u>50</u>	<u>55</u>	<u>-6</u>	<u>-2</u>	5
6		<u>60</u>	<u>-3</u>	<u>-1</u>	6
7	<u>75</u>	<u>65</u>	<u>-3</u>	<u>+5</u>	7
8		<u>60</u>	<u>-5</u>	<u>+1</u>	8
9	<u>100N</u>	<u>70</u>	<u>-6</u>	<u>-7</u>	9
10		<u>72</u>	<u>-3</u>	<u>-8</u>	10
11	<u>25</u>	<u>75</u>	<u>-1</u>	<u>-1</u>	11
12		<u>72</u>	<u>0</u>	<u>+6</u>	12
13	<u>50</u>	<u>65</u>	<u>-3</u>	<u>+2</u>	13
14		<u>60</u>	<u>-4</u>	<u>-7</u>	14
15	<u>75</u>	<u>58</u>	<u>-1</u>	<u>-4</u>	15
16		<u>58</u>	<u>+1</u>	<u>+9</u>	16
17	<u>200N</u>	<u>55</u>	<u>-2</u>	<u>+12</u>	17
18		<u>58</u>	<u>-7</u>	<u>0</u>	18
19	<u>25</u>	<u>60</u>	<u>-6</u>	<u>-6</u>	19
20		<u>70</u>	<u>-3</u>	<u>-3</u>	20
21	<u>50</u>	<u>75</u>	<u>-4</u>	<u>-4</u>	21
22		<u>70</u>	<u>-2</u>	<u>-6</u>	22
23	<u>75</u>	<u>80</u>	<u>-1</u>	<u>-4</u>	23
24		<u>83</u>	<u>+1</u>	<u>+3</u>	24
25	<u>300N</u>	<u>78</u>	<u>0</u>	<u>+7</u>	25
26		<u>65</u>	<u>-3</u>	<u>+2</u>	26
27	<u>25</u>	<u>58</u>	<u>-3</u>	<u>-4</u>	27
28		<u>52</u>	<u>-2</u>	<u>-6</u>	28
29	<u>50</u>	<u>58</u>	<u>0</u>	<u>-1</u>	29
30		<u>63</u>	<u>+1</u>	<u>+5</u>	30
31	<u>75</u>	<u>65</u>	<u>-2</u>	<u>+2</u>	31
32		<u>65</u>	<u>-2</u>	<u>0</u>	32
33	<u>400N</u>	<u>60</u>	<u>-1</u>	<u>+1</u>	33
34		<u>58</u>	<u>-3</u>	<u>-2</u>	34
35	<u>25</u>	<u>55</u>	<u>-1</u>	<u>+1</u>	35
36		<u>68</u>	<u>-1</u>	<u>+5</u>	36
37	<u>50</u>	<u>75</u>	<u>-4</u>	<u>+2</u>	37
38		<u>68</u>	<u>-3</u>	<u>-1</u>	38
39	<u>75</u>	<u>70</u>	<u>-4</u>	<u>-4</u>	39
40		<u>65</u>	<u>-2</u>	<u>-3</u>	40
	<u>500N</u>	<u>65</u>	<u>-1</u>	<u>+2</u>	

VLF EM SURVEY

PROPERTY : *Gold Rock* INSTR.: *SABRE* DATE : *MAR 19/93*
 OPERATOR : *RE* TRANS.: *HAWAII* TRAVEL : *N*
 GAIN SET.:

LINE NO.: <i>150W</i>		1	2	3	4
STN.	REMARKS.	FLD. STR.	DIP.	FILTER	
1	<i>512N</i>		<i>60</i>	<i>-2</i>	<i>+2</i>
2	<i>25</i>		<i>58</i>	<i>+3</i>	<i>-1</i>
3			<i>55</i>	<i>-2</i>	<i>-2</i>
4	<i>50</i>		<i>68</i>	<i>-2</i>	<i>-1</i>
5			<i>70</i>	<i>-1</i>	<i>+2</i>
6	<i>75</i>		<i>72</i>	<i>-2</i>	<i>+3</i>
7			<i>68</i>	<i>-3</i>	<i>0</i>
8	<i>600N</i>		<i>80</i>	<i>-3</i>	<i>-1</i>
9			<i>85</i>	<i>-2</i>	
10	<i>625N</i>		<i>83</i>	<i>-1</i>	
11					
12					
13					
14					
15					
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37					
38					
39					
40					

VLF EM SURVEY

PROPERTY : GOL ROCK INSTR.: SABRE DATE : MAR 21/93

OPERATOR : RE TRANS.: HAWAII TRAVEL :

GAIN SET.:

LINE NO.: 200 W		1	2	3	4
STN.	REMARKS.	FLD.	STR.	DIP.	FILTER
1	100		50	-2	
2			55	-1	-1
3	25N		55	-2	-4
4			52	0	-1
5	50		50	+1	+7
6			55	-2	+6
7	75		50	-4	+2
8			50	-3	+2
9	100N		45	-5	-3
10			55	-4	-6
11	25		58	-1	+1
12			58	-2	+4
13	50		65	-4	+2
14			65	-3	+4
15	75		60	-5	+2
16			52	-6	-6
17	200N		50	-4	-6
18			48	-1	+3
19	25		45	-3	+5
20			55	-5	+2
21	50		65	+4	+1
22			70	-6	-1
23	75		75	+4	-2
24			78	-5	-6
25	300N		80	-3	-5
26			85	0	+4
27	25		78	-3	+8
28			75	-4	+5
29	50		85	+7	0
30			78	+5	-3
31	75		70	-6	-8
32			68	-3	-6
33	400N		70	0	+2
34			73	-3	+3
35	25		70	-2	+2
36			70	-4	-2
37	50		70	-3	-4
38			68	-1	+2
39	75		75	-2	+3
40			70	+4	-5
	500N		73	-2	-5

VLF EM SURVEY

PROPERTY : GOLD ROCK INSTR.: SABRE DATE : MAR 21 / 93

OPERATOR : RC TRANS.: HAWAII TRAVEL :

GAIN SET.:

LINE NO.: 200W

STN.	REMARKS.	FLD.	STR.	DIP.	FILTER
1	512N		70	+1	+5
2	525N		70	-2	+5
3			65	-4	-1
4	50		60	-2	-1
5			75	-3	+2
6	75		78	-2	+4
7			70	-5	+1
8	600N		75	-4	-3
9			75	-4	-5
10	25		78	-2	-5
11			70	-1	-1
12	50		68	0	+4
13			65	-2	+2
14	75		65	-3	-2
15			60	+1	
16	700N		68	+2	
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
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30					
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36					
37					
38					
39					
40					

VLF EM SURVEY

PROPERTY : GOLD ROCK INSTR.: SABRE DATE : MAR 20/93

OPERATOR : RE TRANS.: HAWAII TRAVEL : S

GAIN SET: :

LINE NO.: 250W		1	2	3	4
STN.	REMARKS.	FLD.	STR.	DIP.	FILTER
1	1200		42	-2	
2			40	-3	
3	25		38	-4	0
4			38	-1	-4
5	50		35	-2	-1
6			40	-2	-1
7	75		38	0	-5
8			45	+1	-5
9	100N		42	+2	-3
10			45	+2	-1
11	25		43	+3	-1
12			40	+2	+3
13	50		42	0	+5
14			42	0	-1
15	75		40	+3	-7
16			40	+4	-7
17	200N		42	+6	-4
18			42	+5	+2
19	25		46	+3	+5
20			47	+3	+3
21	50		45	+2	+3
22			40	+1	+3
23	75		43	+1	+2
24			45	0	-1
25	300N		45	+3	-6
26			50	+4	-4
27	25		48	+3	+3
28			47	+1	+7
29	50		48	-1	+6
30			50	-1	+3
31	75		48	-2	0
32			50	0	-5
33	400N		45	+2	-6
34			44	+2	-4
35	25		40	+4	-4
36			48	+4	0
37	50		50	+2	+5
38			45	+1	+3
39	75		40	+2	+2
40			48	-1	+6
	500N		50	-2	+3
					-2

VLF EM SURVEY

PROPERTY : GOLD ROCK INSTR.: SABRE DATE : MAR 20/93

OPERATOR : FE TRANS.: HAWAII TRAVEL : S

GAIN SET.: _____

LINE NO.: 250W CONT					
STN.	REMARKS.	FLD.	STR.	DIP.	FILTER
1	512N		48	0	-1
2	525N		48	-1	0
3			44	0	-4
4	50		42	+1	-4
5			45	+2	-2
6	75		48	+3	+3
7			45	+2	+4
8	600N		53	0	+4
9			50	+1	+5
10	25		55	+3	+1
11			50	-1	+1
12	50		45	-2	+2
13			50	-3	-5
14	75		55	-2	-8
15			55	+2	
16	700N		58	+1	
17					
18					
19					
20					
21					
22					
23					
24					
25	800		60	-1	
26			60	+1	-1
27	25N		65	0	0
28			60	+1	+5
29	50		62	0	+9
30			63	-4	+3
31	75		55	-4	0
32			55	-3	+1
33	100N		58	+5	-5
34			58	+3	-5
35	25		56	0	+2
36			48	-3	-2
37	50		52	-2	-9
38			50	+1	-4
39	75		55	+3	+2
40			48	0	0
	200N		52	+2	-2

LINE 300W

VLF EM SURVEY

PROPERTY : GOLD ROCK INSTR.: SABRE DATE : MAR 20/93

OPERATOR : RE TRANS.: HAWAII TRAVEL : N

GAIN SET.:

LINE NO.: 300W

STN.	REMARKS.	FLD.	STR.	DIP.+2	FILTER
1	212N		48	+1	-2
2	225N		60	+3	+4
3			55	+2	+7
4	50		65	-2	-2
5			53	0	-9
6	75		60	+2	-9
7			58	+5	-2
8	300N		60	+6	+4
9			55	+3	+4
10	25		61	+4	+7
11			55	+1	+3
12	50		62	-1	+1
13			53	-1	-3
14	75		50	0	+3
15			60	+1	+9
16	400N		58	-5	-1
17			53	-3	-8
18	25		50	0	0
19			53	0	+5
20	50		60	-3	-1
21			58	+2	-9
22	75		57	0	-6
23			48	+4	0
24	500N		45	0	+1
25			55	+4	+3
26	25		48	+1	-1
27			45	+2	-2
28	50		50	+2	+1
29			45	+1	+1
30	75		45	+2	+3
31			45	0	-1
32	600N		56	0	-4
33			55	+3	+2
34	25		50	+1	+7
35			55	0	+8
36	50		50	-3	+5
37			55	-4	0
38	75		52	-4	-4
39			55	-3	
40	700N		50	-1	

VLF EM SURVEY

PROPERTY : GOLD ROCK INSTR.: SABRE DATE : MAR 22/93

OPERATOR : RE TRANS.: HAWAII TRAVEL : N

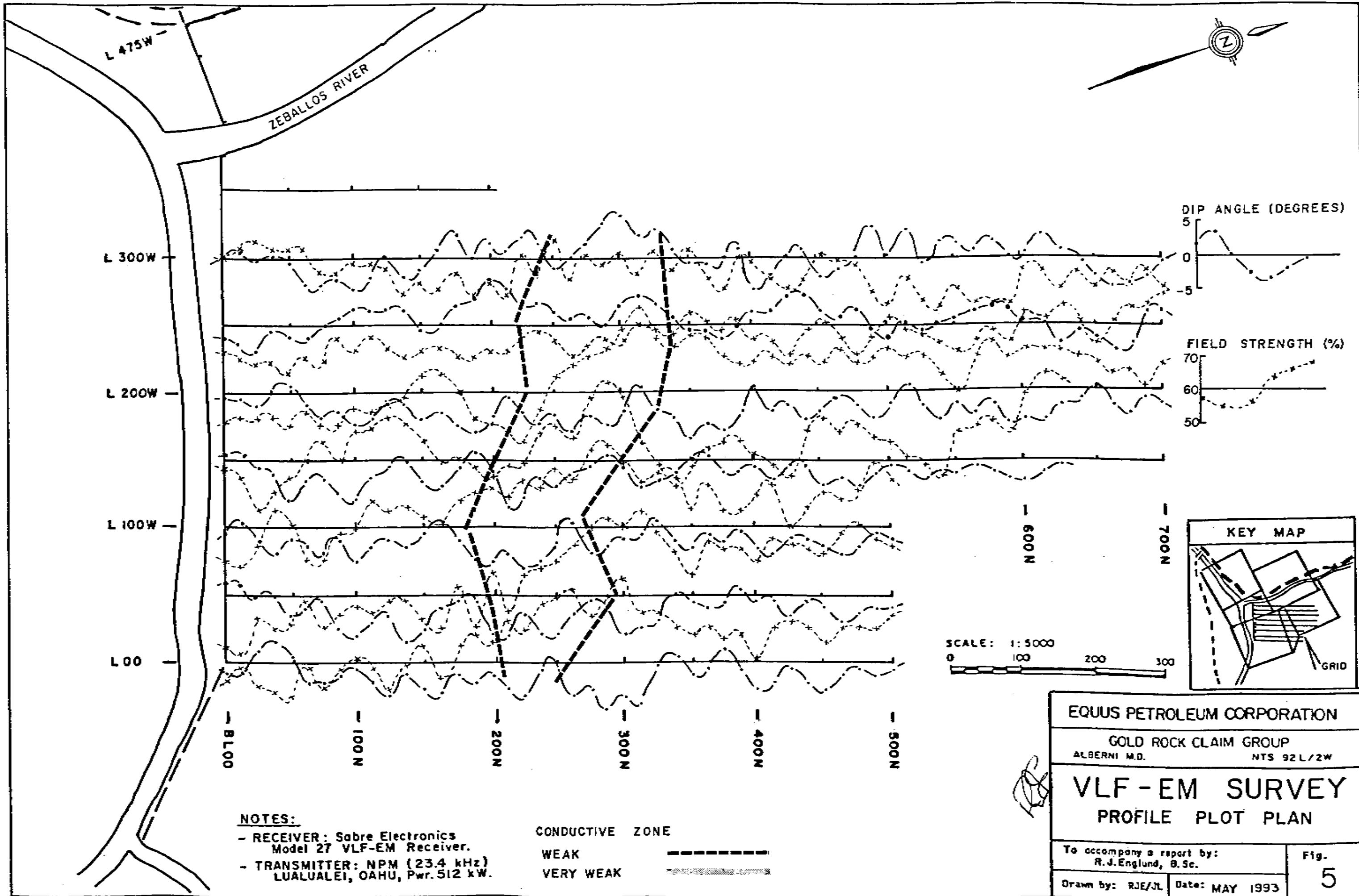
GAIN SET. :

LINE NO.: 4+75W (Pg 2)

STN.	REMARKS.	FLD. STR.	DIP.	FILTER
1	512N	53	-7	+7
2	525N	57	-8	+8
3		53	-11	+2
4	50	50	-12	-4
5		48	-9	-2
6	75	53	-10	-1
7		58	-9	+1
8	600N	48	-8	+4
9		48	-12	-1
10	25	85	-9	-3
11		85	-10	-3
12	50	78	-8	-3
13		80	-8	-2
14	75	76	-7	0
15		78	-7	+3
16	700N	75	-8	+5
17		83	-9	+6
18	25	78	-11	+3
19		83	-12	+2
20	50	78	-11	+6
21		85	-13	+5
22	75	80	-16	-5
23		80	-13	
24	800N	75	-11	
25				
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APPENDIX 2:

Maps - Figures 5 and 6



L 475W

ZEBALLOS RIVER



L 300W

L 200W

L 100W

L 00

DIP ANGLE (DEGREES)

FIELD STRENGTH (%)

N 00N

N 100N

N 200N

N 300N

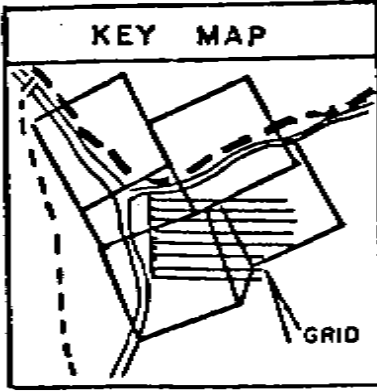
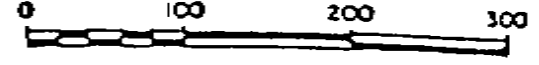
N 400N

N 500N

N 600N

N 700N

SCALE: 1:5000



NOTES:

- RECEIVER: Sabre Electronics Model 27 VLF-EM Receiver.
- TRANSMITTER: NPM (23.4 kHz) LUALUALEI, OAHU, Pwr. 512 kW.

CONDUCTIVE ZONE

- WEAK
- VERY WEAK

EQUUS PETROLEUM CORPORATION

GOLD ROCK CLAIM GROUP
ALBERNI M.D. NTS 92L/2W

**VLF-EM SURVEY
PROFILE PLOT PLAN**

To accompany a report by:
R.J. Englund, B.Sc.

Drawn by: RJE/JL Date: MAY 1993

Fig. 5

L 475W

ZEBALLOS RIVER

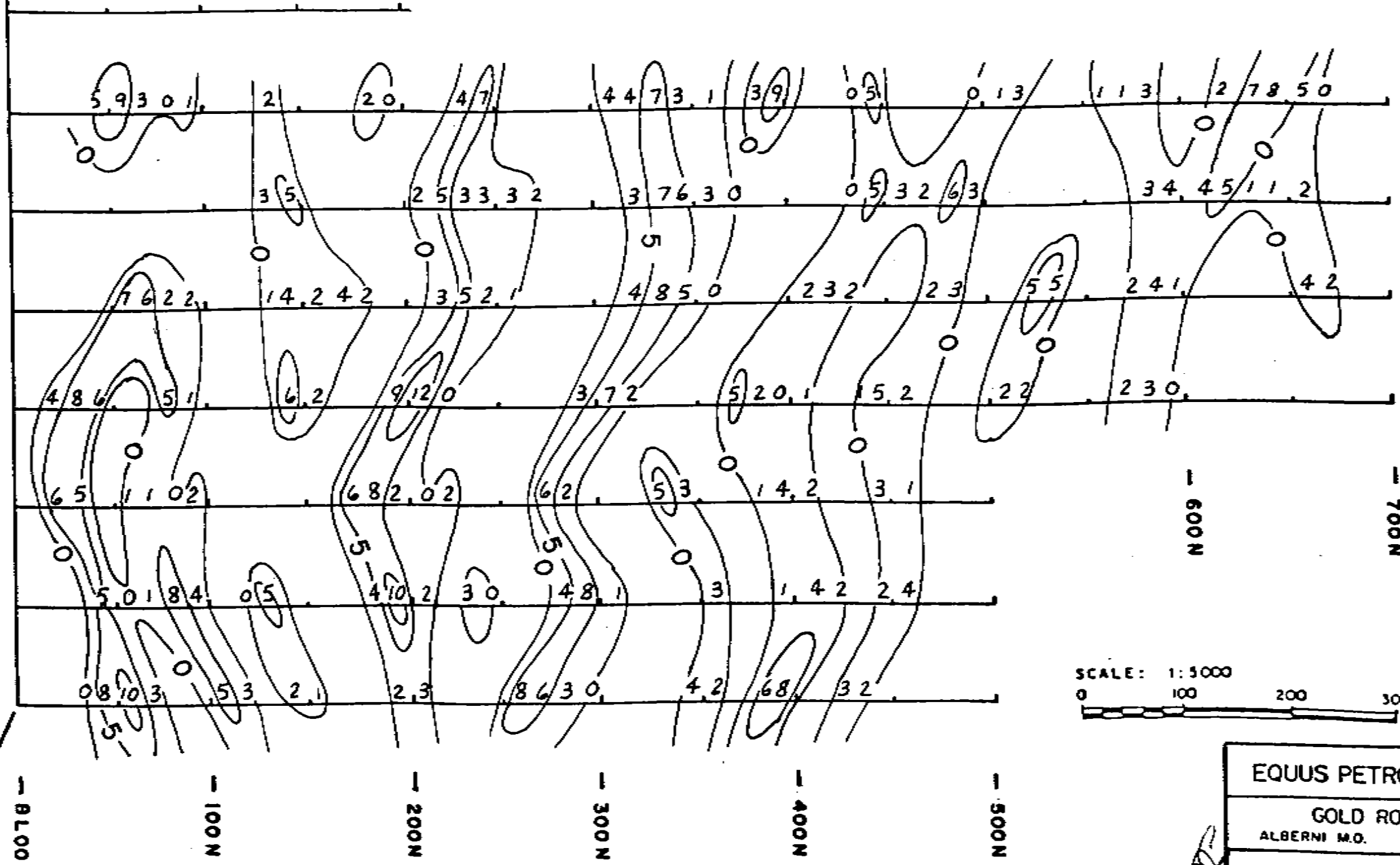


L 300W

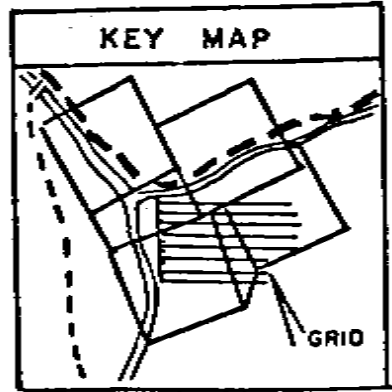
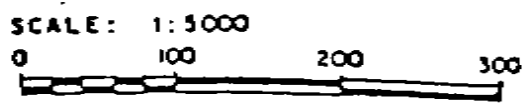
L 200W

L 100W

L 00



600N
700N



NOTES:

- RECEIVER: Sabre Electronics Model 27 VLF-EM Receiver.
- TRANSMITTER: NPM (23.4 kHz) LUALUALEI, OAHU, Pwr. 512 kW.

- CONTOUR INTERVAL: 5, 10, 15, 20, 30 Units.

EQUUS PETROLEUM CORPORATION
 GOLD ROCK CLAIM GROUP
 ALBERNI M.O. NTS 92L/2W

VLF-EM SURVEY
FRASER FILTER
DATA & CONTOUR MAP

To accompany a report by:
 R.J. Englund, B.Sc.

Drawn by: RJE/JL Date: MAY 1993