



1986 Assessment Report
describing
Geophysical and Geochemical Surveys
on the
JERO 2 to 6 CLAIMS
(ROSSLAND PROPERTY)

Trail Creek Mining Division - British Columbia

Lat. 49° ^{31'} N.
02.6'

N.T.S. 82F/4W

Long. 117° ^{40'} W.
50.3'

for
Owner/Operator: GUNSTEEL RESOURCES INCORPORATED

FILMED

by
G. M. Allen, P. Eng. (Ont.)

July 10, 1986

Vancouver, B.C.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,414

MINISTRY OF ENERGY, MINES
AND PETROLEUM RESOURCES
Rec'd JUL 14 1986
SUBJECT _____
FILE _____
VANCOUVER, B.C.

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SUMMARY

Gunsteel Resources Incorporated holds six claims (JERO 1-6, comprising 73 claim units) immediately to the south of the Rossland Gold camp of Southern British Columbia. The camp was the second largest producer of gold in the province.

The claim area is underlain by sedimentary, volcanic and sub-volcanic intrusive rocks of the Rossland Group which are intruded by northeast-trending dikes of quartz feldspar porphyry. Except for the presence of pyrite and pyrrhotite, no mineral occurrences are known on the JERO claims; however, outcrops are sparse and work to date has revealed the presence of widespread zinc, lead, arsenic and scattered gold geochemical anomalies in soils. Ground VLF-electromagnetic surveys confirm the presence of previously outlined airborne electromagnetic anomalies.

This report describes the work carried out by the author, April 10 and 11, 1986, on the JERO 5 claim. A further program of geochemical soil sampling, geophysical EM and magnetometer surveying, and prospecting, and if warranted diamond drilling, is recommended.

CONCLUSION

Geochemical sampling and VLF-electromagnetic surveys in 1985 and 1986 confirmed and better defined the anomalies partly defined in previous surveys. Results indicate the presence of strong, continuous conductors but because of lack of outcrop, cannot be adequately explained. Pyrite and pyrrhotite were observed locally in both argillite and andesite but not considered abundant enough to account for the conductors, and only minor graphite was observed. It is concluded that the conductors represent either sulphide-rich or graphite-rich zones in the stratigraphic sequence of sedimentary and volcanic

rocks. As such, the environment is considered to be favourable for the presence of stratabound sulphide mineralization, in addition to having potential for hosting gold-quartz veins typical of the Rossland camp.

Considering (1) proximity to the known Rossland deposits, (2) presence of significant electromagnetic anomalies and (3) presence of anomalous zinc, lead, arsenic and gold values in soils, a detailed exploration program is warranted to evaluate the JERO claims.

RECOMMENDATION

A two-phase exploration program is recommended to evaluate the JERO 2-6 claims. Phase I recommendations include detailed geological mapping, prospecting, geochemical sampling and electromagnetic surveys to outline drill targets. Phase II will be contingent on results of Phase I and will consist of follow-up diamond drilling. Estimated costs of Phases I and II are \$47,000 and \$92,000 respectively, for a grand total of \$139,000.



ESTIMATED COSTS OF RECOMMENDATIONS

Phase I Geological mapping, geochemical and geophysical surveys.

Salaries		
Geologist	1 month @ \$6,000	\$ 6,000
2 Assistants	2 man months @ \$3,000	6,000
Electro-magnetic surveys		
VLF-EM - 100 line/km., detailing with HLEM		13,000
Room and board	90 man days @ \$35	3,150
Transportation, vehicle rental		2,000
Geochemical analyses and assay		10,000
Report preparation, maps		<u>3,000</u>
	Subtotal	\$ 43,150
	Contingencies	<u>3,850</u>
	Total Phase I	\$ 47,000

Phase II Follow-up diamond drilling.

Bulldozer - Access road construction and drill site preparation 50 hours @ \$80 all incl.		
		\$ 4,000
Diamond drilling	2,000 ft @ \$35/ft all incl.	70,000
Material and supplies		2,000
Engineering, supervision, assays 10% of subtotal of \$76,000		<u>7,600</u>
	Subtotal	\$ 83,600
	Contingencies	<u>8,400</u>
	Total Phase II	\$ 92,000
	GRAND TOTAL	\$139,000



INTRODUCTION

Gunsteel Resources Incorporated holds five claims totalling 61 units, JERO 2-6, on the south side of the Rossland Gold camp of southern British Columbia.

The claim area lies four kilometres south of the Centre Star, Le Roi, and War Eagle Mines (Centre Star group). These mines have the second largest recorded production of gold in British Columbia (2,706,000 ounces of gold, 3,300,000 ounces of silver and over 100,000 pounds of copper from 5,915,000 tons of ore).

Except for the presence of pyrite and pyrrhotite, no mineral occurrences are known on the JERO claims. The claims were staked to cover electromagnetic conductors outlined in a previous airborne survey (Sheldrake, 1981) in an area of favourable geology.

This report summarizes results of ground VLF-electromagnetic surveying and soil geochemical sampling, carried out by G. M. Allen April 10 and 11, 1986. Also summarized are results of previous work and results of reassays of samples taken in 1981, 1983, and 1984.

LOCATION, PHYSIOGRAPHY, ACCESS

The JERO claims are situated immediately to the south of Rossland (Figures 1 to 3). The JERO 2-4 claims lie between elevations 3,100 and 4,800 feet on the north slopes of Baldy Mountain. The JERO 2 and 5 claims lie between elevations 2,500 and 4,300 feet in Little Sheep Creek Valley. Slopes are gentle to moderately steep and are covered with a second growth of balsam fir, cedar, Jack pine, spruce, birch and scrub alder. The northwest corner of the JERO 3 and southwest corner of the JERO 5 claim covers some farmland. The claim area is accessible by paved and several 4-wheel drive roads.

GUNSTEEL RESOURCES INC.
LOCATION MAP
JERO CLAIMS

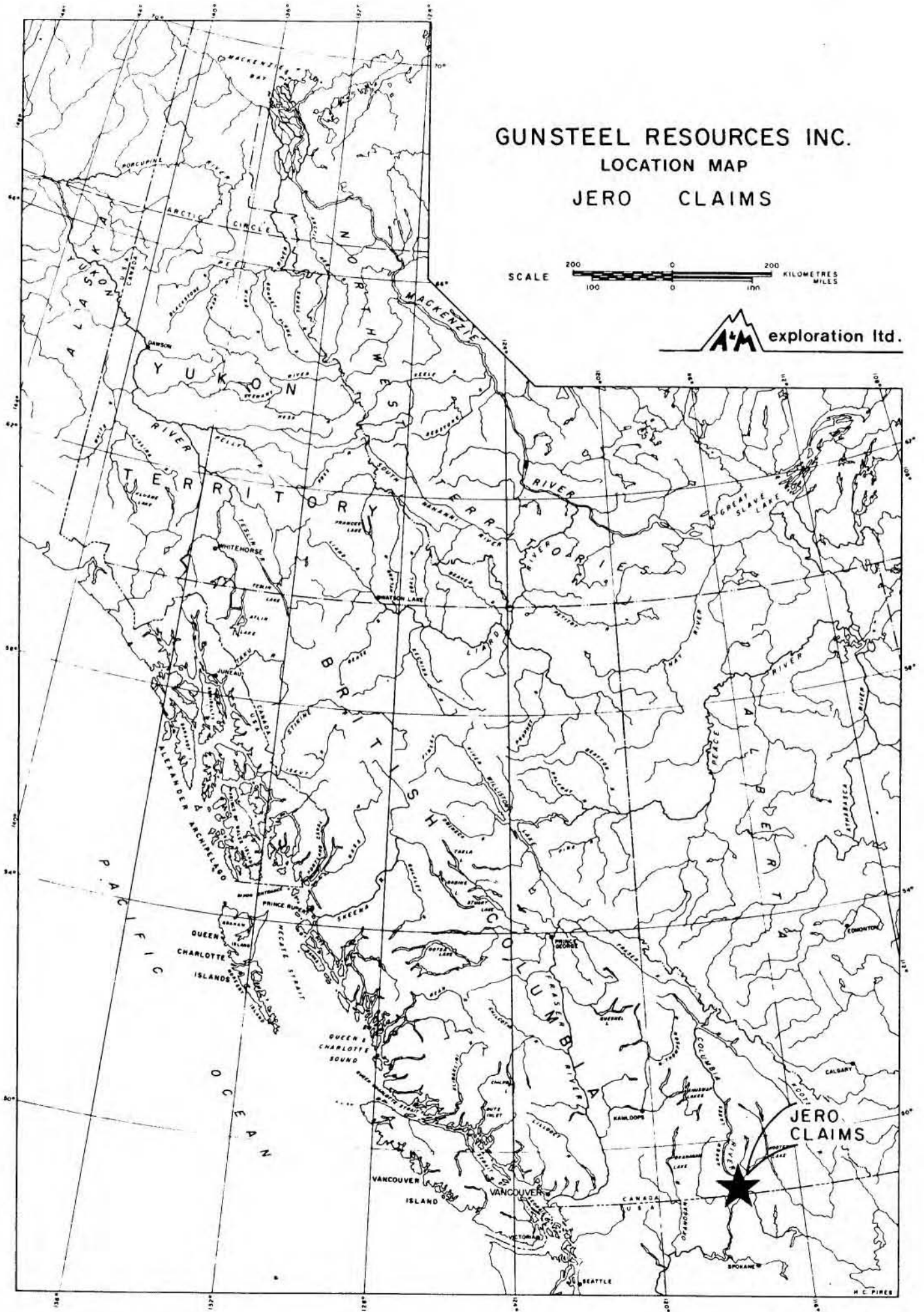
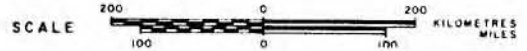
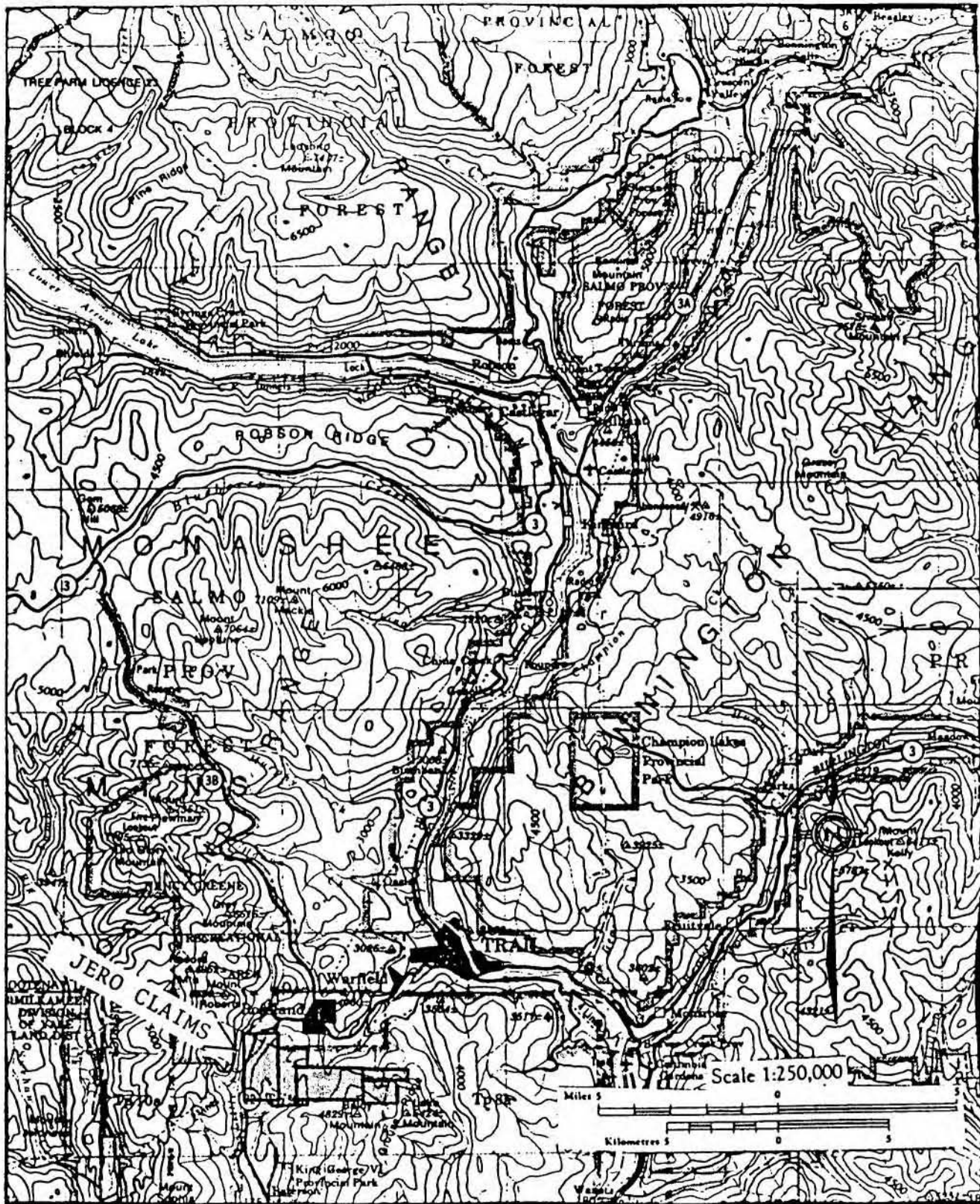


FIGURE - I



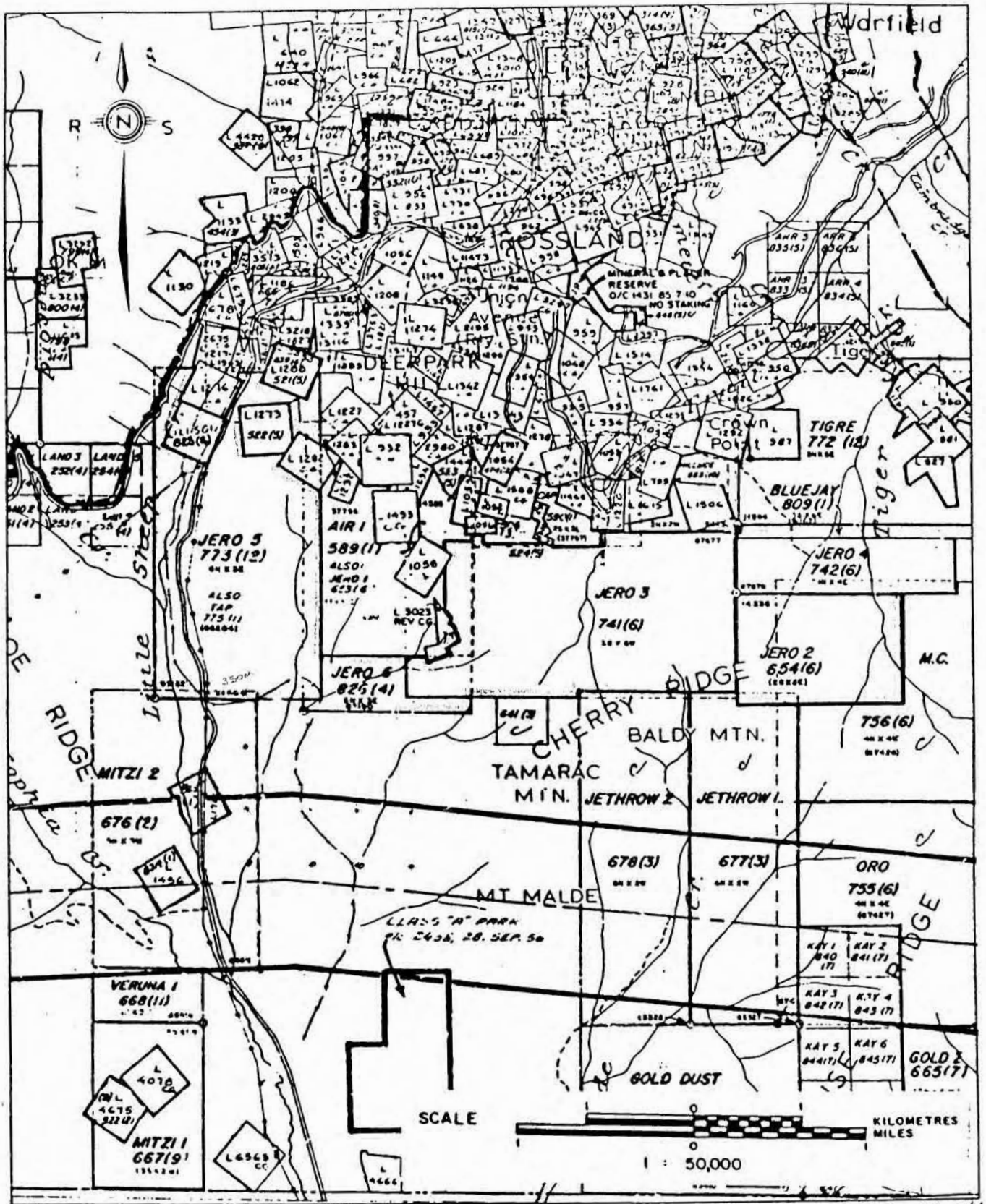
N.T.S. 82 F

GUNSTEEL RESOURCES INC.

ACCESS MAP

JERO CLAIMS

Trail Creek Mining Division - British Columbia



N.T.S. 82 F/4

GUNSTEEL RESOURCES INC.

CLAIM MAP

JERO CLAIMS

Trail Creek Mining Division - British Columbia

CLAIM DATA

The JERO 2 to 6 claims, comprising 61 claim units are registered in the name of Gunsteel Resources Incorporated. Claim boundaries are shown on Figures 2, 3 and 4.

<u>Name</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Expiry Date*</u>
JERO 2	6	654 (6)	June 8, 1987
JERO 3	18	741 (6)	June 8, 1987
JERO 4	4	742 (6)	June 8, 1987
JERO 5	18	773 (12)	Dec. 12, 1987
JERO 6	15	826 (4)	Apr. 15, 1987

*Assuming this report is accepted for assessment purposes.

HISTORY

The Rossland mining camp was the second largest gold camp in British Columbia in terms of recorded production. Total recorded production (mainly during the period 1895-1937) is 2,706,000 ounces of gold and 3,300,000 ounces of silver from 5,915,000 tons of ore; with an average grade of 0.47 ounces of gold per ton, 0.6 ounces of silver per ton and 1% copper. Most production came from four deposits (Le Roi, Centre Star, War Eagle and Josie) in the core of the camp. Molybdenum was produced at Red Mountain during the period 1966 to 1971.

Examination of old claim maps indicates that the JERO claim area has been staked and restaked many times, but apparently little systematic exploration work has been carried out. Sheldrake (1981) conducted an airborne electromagnetic survey and outlined a number of electromagnetic anomalies which have been verified by ground VLF-EM surveys. Pasioka (1981) conducted a geochemical survey for gold on the TAP claim (now

covered by the JERO 5 claim) and outlined a number of significant gold anomalies. Since 1982, Jero Resources has conducted claim acquisitions and has carried out preliminary geological, geophysical and geochemical surveys. In 1985, Jero Resources amalgamated with Gunsteel Resources, who have continued work on the claims.

GEOLOGY

Regional Geology

The Rossland area lies in the Nelson Map Area, 82F (West Half), the geology of which has been described by Little (1960). The geology of the Rossland Mining Camp has been well documented by Drysdale (1915), Bruce (1917), Gilbert (1948), Fyles (1970), Fyles et al (1973), Thorpe (1973) and Little (1982). In summary, the gold deposits of the Rossland camp occur in a complex environment in which major volcanic, sedimentary and intrusive rocks occur. Oldest rocks are the Carboniferous Mount Roberts Formation which consists of siltstone, sandstone, conglomerate and minor limestones. They are overlain by volcanic rocks and interbedded sediments of the Jurassic Rossland Group. Irregular bodies and dikes of augite porphyry were apparently coeval with the Rossland volcanics. These rocks are intruded by five groups of plutonic rocks: The Rossland monzonite, the Trail batholith (granodiorite), Coryell intrusions (syenite), Rainy Day stock (quartz diorite) and a large number of dikes including diorite, lamprophyre, syenite, and quartz feldspar porphyry.

Ore Deposits of Rossland Camp

The gold-copper deposits of the Rossland camp are predominantly pyrrhotite-rich quartz veins containing up to 70% sulphides. They are localized by east and north-trending faults where they intersect or lie along contacts of highly competent rocks such as augite porphyry and diorite porphyry. Thorpe (1973) has defined three zones: central, intermediate and outer. Veins

of the central zone have a high chalcopyrite content and high Au:Ag ratio. Veins in the outer zone contain sphalerite, galena and tetrahedrite and have a lower Au:Ag ratio. Veins in the intermediate zone are characterized by a wide range of mineralogies including pyrrhotite, chalcopyrite, arsenopyrite, pyrite, molybdenite, cobaltite, gold, bismuth and bismuthinite.

The molybdenite deposits on Red Mountain occur in brecciated granodiorite and hornfelsic and skarny sedimentary rocks of the Mount Roberts Formation. Mineralization consists of irregularly distributed disseminations and veinlets of pyrrhotite, pyrite, magnetite, molybdenite, scheelite and chalcopyrite (Eastwood, 1966; Fyles 1967; Hainsworth, 1966). Appreciable amounts of gold are reported in the deposits.

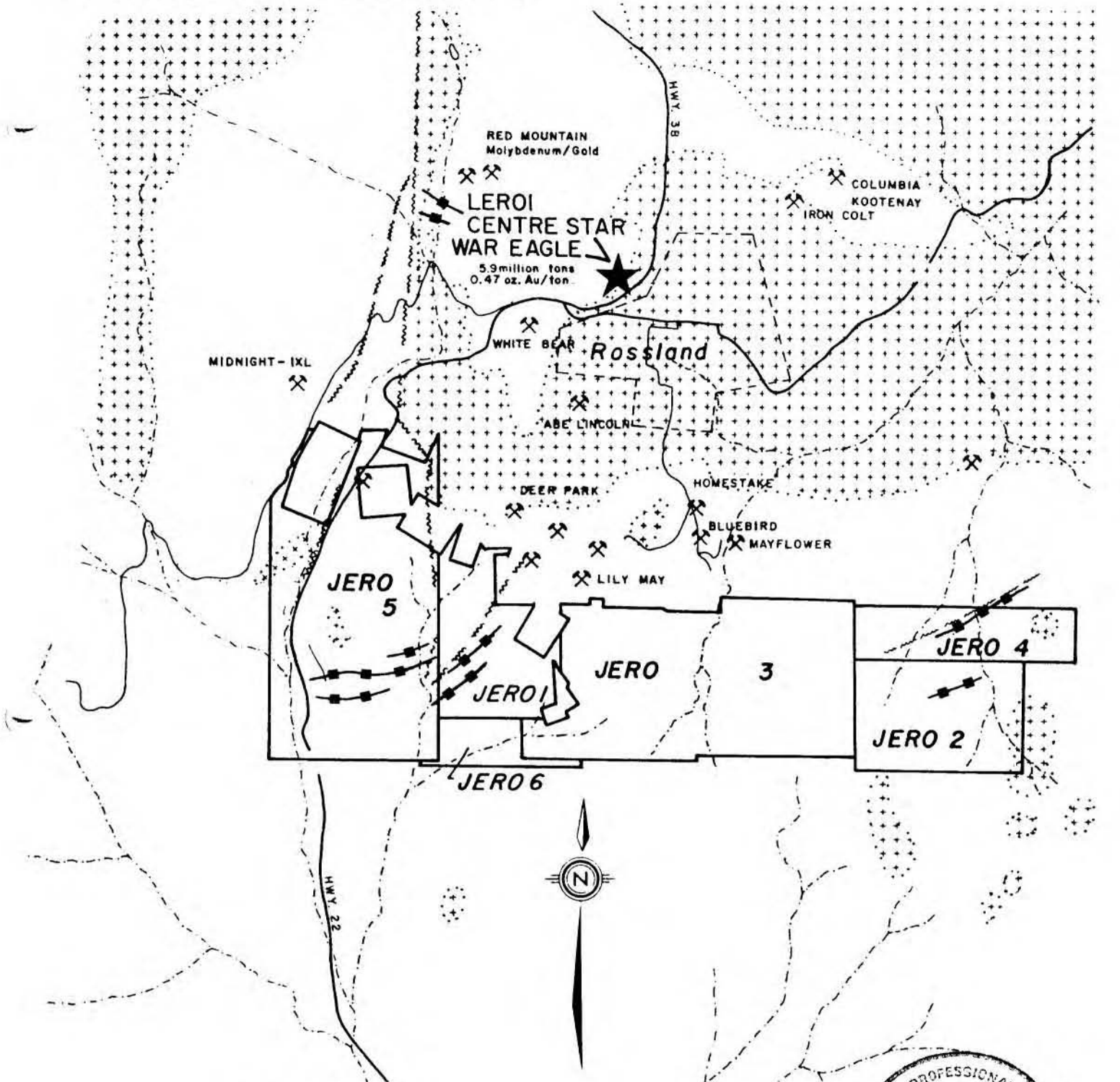
The JERO 2-4 claims lie in the outer zone and are situated immediately south of the Lily May, Bluebird and Mayflower prospects. The JERO 5 claim lies immediately to the south of the Midnight-IXL deposit.

Property Geology

The JERO 2-4 claim area is largely overburden covered. Outcrops are confined to road cuts and a few steeper slopes. The claim area is underlain by sedimentary and volcanic rocks of the Rossland Group and augite porphyry. Examination of a few outcrops on the road across the JERO 2 and 4 claims confirmed the presence of argillite and greenstone, both containing abundant disseminated pyrrhotite.

The JERO 5 claim is underlain mainly by Rossland Group volcanic and sedimentary rocks. Grey to black siltstone and argillite underlie the east central part of the map area where the most prominent airborne electromagnetic anomalies occur. Although they are commonly dark in color, they are not obviously graphitic. The most abundant units are various textured phases of andesite and greenstone. They are grey to green in color and commonly contain feldspar phenocrysts. Volcanic breccias, agglomerates and sandstones are also common. Pyrite and/or pyrrhotite occurs in trace to minor amounts in the green volcanics, the massive greenstones and in the siltstones and

ROSSLAND PROPERTY



LEGEND

- | | | | |
|--|--------------------------|--|-----------------|
| | CREEK | | FAULT |
| | HIGHWAY | | MINERAL SHOWING |
| | GRANITIC INTRUSIVE ROCKS | | EM CONDUCTOR |



GUNSTEEL RESOURCES INC.
JERO CLAIMS
 TRAIL CREEK MINING DIVISION - BRITISH COLUMBIA



CLAIMS & GEOLOGY

very locally is abundant (up to 4%). The volcanic and sedimentary rocks are bleached or silicified.

A few dikes or small bodies of coarse-grained hornblende syenodiorite were also noted on the JERO 5 claim.

GEOCHEMICAL SURVEY

Soil sampling in 1986 was carried out on the southern portion of the JERO 5 claim, Figure 4 and 5. Lines 2+50 W, 4+00 W and 6+00 W were extended south to the access road. The lines were flagged at 25 meter intervals. A total of 31 soil and 3 rock samples were collected. Soil material consisted of fine glacial till and argillaceous grey to black siltstone talus fines taken at depths of 10 to 25 centimeters, usually well below the "A" horizon. Soil samples were placed in Kraft paper bags and shipped to Rossbacher Laboratory Ltd. for molybdenum, copper, silver, zinc, lead, gold and arsenic analysis by standard atomic absorption techniques. Analytical analysis are presented in Appendix I and zinc, lead and anomalous gold values are plotted on Figure 5.

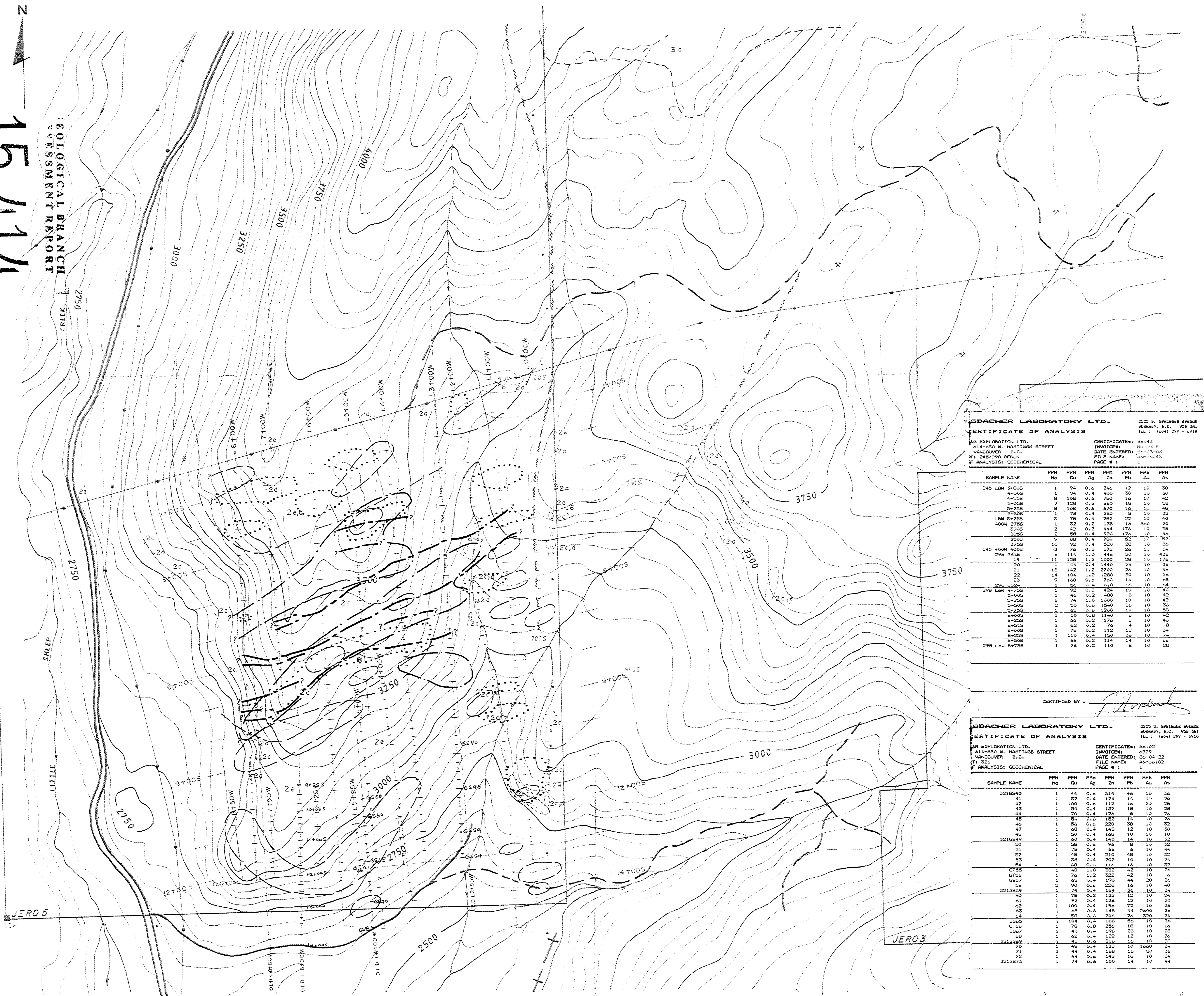
Re-analyses of some of the previous geochemical samples was carried out to verify if there is a continuity of results from year to year. The results are added for comparison.

GROUND VLF - ELECTROMAGNETIC SURVEYS

VLF - Electromagnetic ground surveys on 25 meter spacing on the south end of lines 2+50 W, 4+00 W and 6+00 W were completed. A Sabre Model 27 VLF-EM receiver was used for all observations. The instrument was manufactured by Sabre Electronic Instruments Ltd. It measures the dip angle of the resultant electromagnetic component of the field strength. Hawaii was used as the station. Results are shown on Figure 6 and the data is listed in Appendix II.

15,414

GEOLOGICAL BRANCH
ASSESSMENT REPORT



SBACHER LABORATORY LTD. 2225 S. SPRINGER AVENUE
VANCOUVER, B.C. V6B 2K1
TEL: (604) 299-9710

CERTIFICATE OF ANALYSIS

MIN EXPLORATION LTD.
614-850 W. HASTINGS STREET
VANCOUVER B.C.
FILE NO: 245/278
ANALYSIS: GEOCHEMICAL

CERTIFICATE: 86043
INVOICE: No 1046
DATE ENTERED: 86-04-22
FILE NAME: 15414
PAGE # 1

SAMPLE NAME	PPM No	PPM Cu	PPM Ag	PPM Zn	PPM Pb	PPM Au	PPM As
245 L6W 3-808	1	94	0.6	246	12	10	30
4-008	1	94	0.4	400	30	10	30
4-058	8	108	0.6	780	16	10	42
3-088	7	128	0.8	860	18	10	58
5-258	8	108	0.6	670	16	10	42
5-298	1	78	0.4	280	8	10	42
L6W 5-758	5	78	0.4	282	22	10	40
400W 2758	1	32	0.2	138	16	800	29
3008	2	42	0.2	444	176	10	58
3258	2	38	0.4	920	176	10	46
356	9	78	0.4	782	32	10	32
3758	10	92	0.4	520	28	10	36
4008	3	78	0.4	272	26	10	34
245 4004 4008	6	114	1.0	446	20	10	450
298 6518	19	1128	1.2	1500	28	10	176
20	1	44	0.4	1440	28	10	32
21	13	142	1.2	2700	26	10	46
22	14	104	1.2	1260	30	10	58
23	9	160	0.6	740	14	10	48
298 6524	1	36	0.4	610	16	10	64
298 L6W 4-758	1	92	0.6	424	10	10	40
5-008	1	46	0.2	480	8	10	42
5-258	6	74	1.0	1000	10	10	42
5-298	2	30	0.6	1240	36	10	36
5-758	1	62	0.6	1240	10	10	58
6-008	1	50	0.8	1140	10	10	42
6-258	1	66	0.2	176	8	10	46
6-518	1	62	0.2	76	4	10	8
6-008	1	78	0.2	112	10	10	34
6-258	1	118	0.4	150	36	10	74
6-518	1	66	0.2	114	14	10	66
6-758	1	78	0.2	110	8	10	28

CERTIFIED BY: *F. J. Rossbach*

SBACHER LABORATORY LTD. 2225 S. SPRINGER AVENUE
VANCOUVER, B.C. V6B 2K1
TEL: (604) 299-9710

CERTIFICATE OF ANALYSIS

MIN EXPLORATION LTD.
614-850 W. HASTINGS STREET
VANCOUVER B.C.
FILE NO: 245/278
ANALYSIS: GEOCHEMICAL

CERTIFICATE: 86102
INVOICE: 6329
DATE ENTERED: 86-04-22
FILE NAME: 15414
PAGE # 1

SAMPLE NAME	PPM No	PPM Cu	PPM Ag	PPM Zn	PPM Pb	PPM Au	PPM As
3218540	1	44	0.6	314	46	10	36
41	1	52	0.4	174	14	10	20
42	1	100	0.6	112	10	26	28
43	1	54	0.4	132	18	10	28
44	1	70	0.4	126	8	10	26
45	1	54	0.6	152	14	10	26
46	1	56	0.6	220	38	10	32
47	1	48	0.4	148	12	10	30
48	1	50	0.4	168	10	10	18
3218549	1	60	0.4	140	14	10	32
50	1	58	0.6	76	8	10	32
51	1	78	0.4	66	6	10	44
52	1	48	0.4	110	10	10	32
53	1	38	0.4	202	10	10	24
54	1	48	0.6	116	16	10	32
6755	1	40	1.0	322	42	10	26
6756	1	76	1.2	322	42	10	6
6857	1	68	0.4	190	44	20	26
68	2	70	0.6	226	16	10	40
3218559	1	74	0.4	164	36	10	34
60	1	78	0.2	132	12	10	26
61	1	92	0.4	138	12	10	20
62	1	100	0.4	196	72	10	26
63	1	68	0.6	148	44	2000	26
64	1	58	0.6	206	26	320	24
6525	1	104	0.6	166	26	10	36
6746	1	78	0.6	226	18	10	16
6867	1	40	0.4	196	28	10	28
68	1	62	0.4	122	12	10	16
3218569	1	42	0.6	216	16	10	28
70	1	48	0.4	138	10	1660	24
71	1	44	0.4	188	16	10	34
72	1	44	0.6	142	18	10	34
3218573	1	74	0.6	100	14	10	44

CERTIFIED BY: *F. J. Rossbach*

- Highway, Road, Trail
- Powerlines
- Claimline, Post
- New grid line
- Old grid line
- CORYELL INTRUSION
 - 6 Syenodiorite, monzonite, diorite
- NELSON PLUTONIC ROCKS
 - 3a Rosslund monzonite
- ROSSLAND GROUP
 - 2e Green volcanic sandstone, conglomerate, breccia
 - 2a Massive greenstone
 - 2c Grey to black siltstone, argillite (locally hornfelsic)
- Outcrop
- Float
- Fault
- Geological contact
- Prospect
- Trench
- Glory hole
- Genie SE 88 EM conductor
- Magnetic anomaly
- Geochemical anomaly Au, Pb, Zn, (Ag, Cu)

NOTE: Legend and geology in part after Fyles (1970)

AM exploration Ltd.

GUNSTEEL RESOURCES INC.
JERO CLAIMS
TRAIL CREEK MINING DIVISION - BRITISH COLUMBIA

COMPILATION MAP

SCALE 1:5000 METRES

date DECEMBER, 1986 N.T.S. 82F/4

REFERENCES

- Allen, D. G. and MacQuarrie, D. R. (1986). 1985 Assessment Report on the JERO 2 to 6 Claims.
- Allen, D. G. and MacQuarrie, D. R. (1985). 1984 Assessment Report on the JERO 1 to 5 Claims.
- Allen, D. G. and MacQuarrie, D. R. (1984). 1983 Assessment Report on the JERO 1 to 4 Claims.

CERTIFICATE

I, Gary M. Allen, certify that:

1. I am a consulting Mining Engineer, of A & M Exploration Ltd., with offices at #614 - 850 West Hastings Street, Vancouver, British Columbia.
2. I am a graduate of Haileybury School of Mines and of South Dakota School of Mines and Technology with degrees Mining Engineering (B.Sc., 1968, M.Sc., 1970).
3. I have been practicing my profession since 1970.
4. I am a member in good standing of the Association of Professional Engineers of Ontario.
5. This report is based upon fieldwork carried personally April 10 and 11, 1986.
6. I have an interest in Gunsteel Resources Incorporated.
7. I consent to the use of this report in a Statement in Material Facts or in a Prospectus in connection with the raising of funds for the project covered by this report.

May 10, 1986
Vancouver, B.C.


Gary M. Allen
P. Eng. (Ont.)

GEOCHEMICAL ANALYTICAL METHOD

Following are the methods used by Rossbacher Laboratory for:

GOLD

Crush and pulverize 250 g to -100 mesh

Weigh out 10 g

Digest with aqua regia

Dilute

Extract in MIBK

Analyse by Atomic Absorption

BASE METALS

Crush and pulverize 250 g to -100 mesh

Weigh out 1/2 g

Digest with perchloric - nitric acid

Dilute to 10 ml

Analyse by Atomic Absorption

APPENDIX I
Analytical Results

ROSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
 BURNABY, B.C. V5B 3N1
 TEL : (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
 614-850 W. HASTINGS STREET
 VANCOUVER B.C.
 PROJECT: 321
 TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86102
 INVOICE#: 6329
 DATE ENTERED: 86-04-22
 FILE NAME: A&M86102
 PAGE # : 1

PRE FIX	SAMPLE NAME	PPM Mo	PPM Cu	PPM Ag	PPM Zn	PPM Pb	PPB Au	PPM As
S	321GS40	1	44	0.6	314	46	10	36
S	41	1	52	0.4	174	14	10	20
S	42	1	100	0.6	112	16	20	28
S	43	1	54	0.4	132	18	10	28
S	44	1	70	0.4	126	8	10	26
S	45	1	54	0.6	152	14	10	26
S	46	1	56	0.6	220	38	10	32
S	47	1	68	0.4	148	12	10	30
S	48	1	50	0.4	168	10	10	18
S	321GS49	1	60	0.4	140	14	10	32
S	50	1	58	0.6	96	8	10	32
S	51	1	78	0.4	66	6	10	44
S	52	1	48	0.4	210	48	10	32
S	53	1	38	0.4	202	10	10	24
S	54	1	48	0.6	116	16	10	32
A	GT55	1	40	1.0	382	42	10	26
A	GT56	1	76	1.2	322	42	10	6
S	GS57	1	68	0.4	190	44	20	26
S	58	2	90	0.6	228	16	10	40
S	321GS59	1	74	0.4	164	36	10	34
S	60	1	78	0.2	132	12	10	24
S	61	1	92	0.4	138	12	10	20
S	62	1	100	0.4	196	72	10	26
S	63	1	68	0.6	148	44	2600	26
S	64	1	58	0.6	206	26	320	24
S	GS65	1	104	0.4	166	56	10	36
A	GT66	1	78	0.8	256	18	10	16
S	GS67	1	40	0.4	196	28	10	28
S	68	1	62	0.4	122	12	10	26
S	321GS69	1	42	0.6	216	16	10	28
S	70	1	48	0.4	138	10	1660	24
S	71	1	44	0.4	168	16	80	36
S	72	1	44	0.6	142	18	10	34
S	321GS73	1	74	0.6	100	14	10	44

CERTIFIED BY :



FLOSSBACHER LABORATORY LTD.

2225 S. SPRINGER AVENUE
 BURNABY, B.C. V5B 3N1
 TEL : (604) 299 - 6910

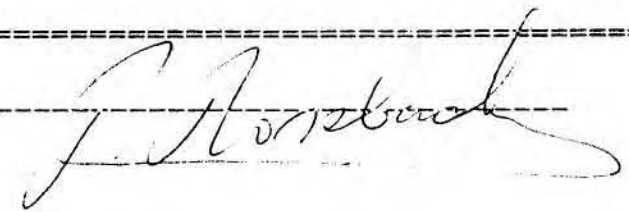
CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
 614-850 W. HASTINGS STREET
 VANCOUVER B.C.
 PROJECT: 245/298 RERUN
 TYPE OF ANALYSIS: GEOCHEMICAL

CERTIFICATE#: 86043
 INVOICE#: NO CHARGE
 DATE ENTERED: 86-03-03
 FILE NAME: A&M86043
 PAGE # : 1

PRE FIX	SAMPLE NAME	PPM Mo	PPM Cu	PPM Ag	PPM Zn	PPM Pb	PPB Au	PPM As
S	245 LBW 3+80S	1	94	0.6	246	12	10	30
S	4+00S	1	94	0.4	400	30	10	30
S	4+55S	8	108	0.6	780	16	10	42
S	5+05S	7	128	0.8	860	18	10	58
S	5+25S	8	108	0.6	670	16	10	48
S	5+50S	1	78	0.4	280	8	10	32
S	LBW 5+75S	5	78	0.4	282	22	10	40
S	400W 275S	1	32	0.2	138	16	860	20
S	300S	2	42	0.2	444	176	10	38
S	325S	2	58	0.4	920	176	10	46
S	350S	9	68	0.4	780	52	10	52
S	375S	10	92	0.4	520	28	10	36
S	245 400W 400S	3	76	0.2	272	26	10	34
S	298 6S18	6	114	1.0	446	20	10	436
S	19	11	128	1.2	1500	28	10	176
S	20	1	44	0.4	1440	28	10	38
S	21	13	142	1.2	2700	26	10	46
S	22	14	104	1.2	1280	30	10	58
S	23	9	160	0.6	760	14	10	68
S	298 6S24	1	56	0.4	610	16	10	64
S	298 L6W 4+75S	1	92	0.8	424	10	10	40
S	5+00S	1	46	0.2	480	8	10	42
S	5+25S	6	74	1.0	1000	10	10	42
S	5+50S	2	50	0.6	1540	36	10	36
S	5+75S	1	62	0.6	1260	10	10	58
S	6+00S	1	50	0.8	1140	8	10	42
S	6+25S	1	66	0.2	176	8	10	46
S	6+50S	1	62	0.2	76	4	10	8
S	8+00S	1	78	0.2	112	12	10	34
S	8+25S	1	110	0.4	150	36	10	74
S	8+50S	1	66	0.2	114	14	10	66
S	298 L6W 8+75S	1	78	0.2	110	8	10	28

CERTIFIED BY :



Original Sample Analysis

<u>Sample Name</u>	<u>Mo</u> <u>PPM</u>	<u>Cu</u> <u>PPM</u>	<u>Ag</u> <u>PPM</u>	<u>Zn</u> <u>PPM</u>	<u>Pb</u> <u>PPM</u>	<u>Au</u> <u>PPB</u>	<u>As</u> <u>PPM</u>	
L8W 3+80 S	2	88	0.4	252	12	10		1984
4+00 S	2	88	0.4	390	28	10		
4+55 S	6	98	0.4	710	16	10		
5+05 S	4	118	0.6	800	18	10		
5+25 S	6	104	0.6	660	16	10		
5+50 S	1	78	0.4	298	10	10		
5+75 S	2	78	0.2	308	26	10		
400W 275 S	1	36	0.2	154	20	10		
300 S	3	44	0.2	468	188	10		
325 S	4	58	0.2	880	166	10		
350 S	7	88	0.4	780	58	10		
375 S	7	92	0.4	540	34	10		
400 S	4	76	0.2	280	28	10		
298GS18	7	124	1.2	510	20	10	436	1985
19	9	134	1.2	1480	30	20	174	
298GS20	2	50	0.6	1520	34	10	38	
298GS21	10	148	1.6	3080	32	10	46	
22	11	116	1.8	1360	34	10	52	
23	8	162	0.6	770	10	10	62	
24	1	64	0.4	640	14	10	60	
298L6W 4+75 S	2	94	0.8	458	10	10	32	
5+00 S	1	48	0.2	496	10	10	34	
5+25 S	7	78	0.8	1020	10	10	38	
5+50 S	3	52	0.8	1580	42	10	36	
5+75 S	3	60	0.8	1240	14	10	50	
6+00 S	3	52	1.0	1300	10	10	40	
6+25 S	1	66	0.4	194	10	10	44	
6+50 S	1	62	0.2	82	6	10	16	
6+75 S	4	118	0.4	492	20	10	56	
7+00 S	3	112	0.4	378	24	10	60	
298L6W 7+25 S	2	98	0.4	252	22	10	32	
7+75 S	1	74	0.2	116	8	10	28	
8+00 S	1	78	0.4	122	12	10	34	
8+25 S	1	108	0.4	162	36	10	72	
8+50 S	1	64	0.2	118	18	10	66	
8+75 S	1	76	0.2	112	10	10	34	

APPENDIX II

Affidavit of Expenses

AFFIDAVIT OF EXPENSES

This certifies that geochemical and geophysical surveys were carried out on the JERO claims, Rossland area, Trail Creek Mining Division, British Columbia, during April 10 and 11, 1986 to the value of the following:

Mobilization and Fieldwork

Salaries

G. M. Allen	\$ 800.00
Room and Board	120.00
Vehical rental	70.00
Mileage	112.50
Fuel	22.50
Telephone	15.00
VLF-EM rental	50.00
Geochemical analysis	75.90
Material and supplies	<u>100.00</u>
Total	\$ 1365.90

Report Preparation and Draughting

Salary

G. M. Allen	\$ 400.00
Maps, photocopying	65.00
Typing, draughting and compilation	<u>320.00</u>
Total	\$ 785.00

Grand Total \$ 2150.00



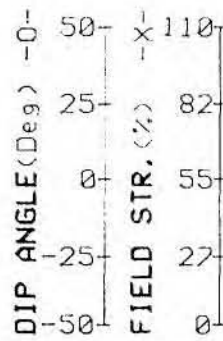
APPENDIX III

VLF-EM Survey Data

LINE 4+00WEST

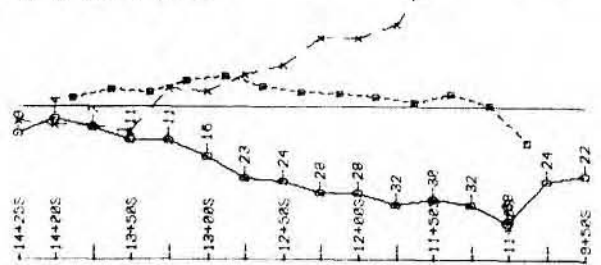
STN#	DIP(deg)	FS%	F.FILTER
14+20S	-9	50	0
14+00S	-4	48	5
13+50S	-7	46	11
13+00S	-11	62	17
12+50S	-16	61	20
12+00S	-23	67	13
11+50S	-24	70	8
11+00S	-28	88	8
10+50S	-32	85	2
10+00S	-30	105	0
9+50S	-32	105	0
9+00S	-38	105	-24
8+50S	-24	105	0
8+00S	-22	105	0

Scale = 1: 5000



L. 4+00WEST

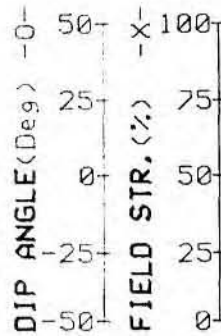
VLF-EM STATION HAWAII



LINE 2+50WEST

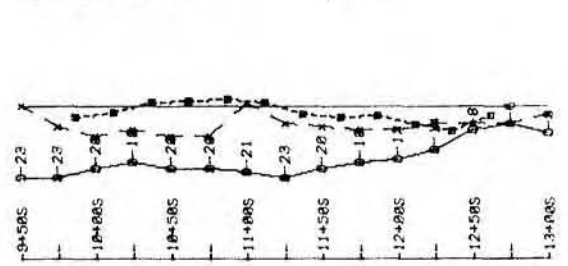
STN#	DIP(deg)	FS%	F.FILTER
9+50S	-23	50	0
9+00S	-23	43	-8
10+00S	-20	40	-5
10+50S	-18	42	2
10+00S	-20	40	3
11+00S	-21	51	2
11+50S	-23	44	-6
11+00S	-20	43	-8
12+00S	-18	42	-13
12+50S	-17	42	-17
12+00S	-14	44	-7
12+50S	-8	44	0
13+00S	-9	47	0

Scale = 1: 5000

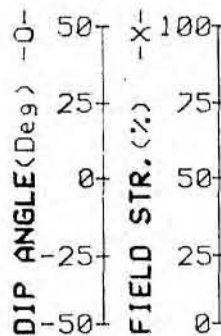


L. 2+50WEST

VLF-EM STATION SEATTLE

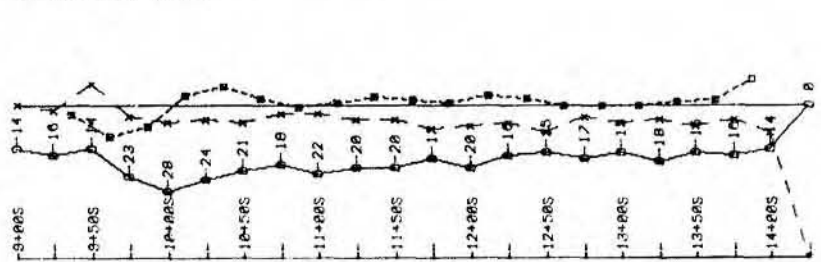


Scale = 1: 5000



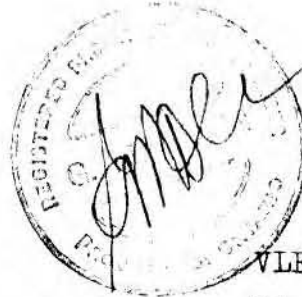
L. 6+00WEST

VLF-EM STATION HAWAII



LINE 6+00WEST

STN#	DIP(deg)	FS%	F.FILTER
9+00S	-14	50	0
10+00S	-16	48	7
9+50S	-14	57	21
10+00S	-23	46	15
10+00S	-20	44	-6
10+50S	-24	45	-12
10+50S	-21	44	-4
11+00S	-18	47	2
11+00S	-22	47	-1
11+50S	-20	45	-5
11+50S	-20	45	-3
12+00S	-17	42	-1
12+00S	-20	43	-6
12+50S	-16	44	-4
12+50S	-15	47	7
13+00S	-17	46	1
13+00S	-15	44	-2
13+50S	-18	45	-3
13+50S	-15	45	-3
14+00S	-10	41	-17
14+00S	-14	41	0
8+00S	0	0	0



1986 Results

VLF-EM Survey Data Listing

Station Line
 Hawaii 2+50 W
 4+00 W
 6+00 W