REPORT ON
ROCK, SOIL & SILT GEOCHEMISTRY,

OXIDE CLAIM GROUP

NELSON MINING DIVISION
NTS MAP: 82F/6E
LATITUDE: 49° 15'
LONGITUDE: 117° 09'

OWNERS/OPERATORS/AUTHORS:
L. ADDIE & R. BOURDON

MAY 20, 1995

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1.0 INTRODUCTION:

This report has been prepared for the purpose of filing for assessment work credit and fulfilling the requirements of the Mineral Act and Regulations.

Field work on the **OXIDE CLAIM GROUP** was carried out by L. Addie and R. Bourdon from March 27,1994 to November 1, 1994. Work consisted of sampling of showings and rock outcrops, establishing one soil line, collecting 26 rock samples, 26 soil samples and 17 stream sediments.

2.0 PROJECT RATIONALE:

The Oxide property lies within the Kootenay Arc, a North trending limestone belt noted for being favourable for lead-zinc mineralization. Significant deposits include the Reeves McDonald, Jersey, Emerald, HB and Duncan mines. At the Jersey, Zn-Pb ore was mined mainly from a dolomite layer near the base of the Reeves limestone. Between 1907 and 1973, the Jersey produced in excess of 10 million tons of Zn-Pb ore.

Recently, gold values up to 0.99 oz/t have been discovered at the Jersey-Emerald Mine which is located a few kilometers South of the Oxide property. Gold values occur in quartz, silicious limestone and dolomite which overlies the Zn-Pb orebodies. The gold may be genetically related to the base metal mineralization. High gold values are associated with very anomalous As, Bi and Sb.

On researching the literature, it appears that gold has not been seriously explored for in the Kootenay Arc Pb-Zn belt. The Oxide property has been moderately explored for base metals but there is no record of precious metal exploration, with the exception of a few assays for gold as reported by McAllister, 1951. We hold the opinion that Kootenay Arc Type (Pb-Zn) deposits and prospects, such as the Oxide, have the potential to host economic gold mineralization. Work detailed in this report is directed at evaluating the gold potential of the Oxide property.

3.0 LOCATION AND ACCESS:

The **OXIDE CLAIM GROUP** is situated in the **Nelson Mining Division** approximately 5 kilometers East of Ymir. From Nelson, good access to the property is gained by travelling Highway 6 to the South for about 27 kilometers, crossing the Salmo River at Ymir, and following a low standard logging road for about 5 kilometers up Oscar Creek. The LCP (NE corner of the claims) is located here, just South of and below the road. The South edge of the property can be

reached by following Hiway 6 for about 2 kilometers South of Ymir, crossing the Salmo River, and following a good standard logging road up Porcupine Creek for about 6 kilometers. At this point, an old road switchbacks to the North and leads to the Oxide workings.

4.0 GENERAL SETTING:

The property straddles the ridge between Porcupine and Oscar Creeks and ranges in elevation from about 3675 feet at the Southeast corner of the claims to about 5750 feet on Mt. Jubilee at the mid West side of the property (1120 to 1750 metres). The terrain is moderately steep with typical slopes of 20 to 50%. A feature locally known as the Oxide Pass trends in a North-South direction along the East side of the property.

The Property receives an average of about 2 to 3 metres of snow but is generally snow-free from early June to mid November.

Overburden is fairly extensive throughout the claim area, with the exception of a few steep areas on both sides of the Oxide Pass where outcrops occur. It is estimated that overburden is from ½ to 1 metre deep over most of the property. There is very little outcrop particularly in the immediate vicinity of the Oxide showings.

5.0 CLAIMS INFORMATION:

The OXIDE Group is comprised of two 2-Post Mineral Claims and one 12 unit modified grid claim as follows:

NAME	# OF UNITS	RECORD #	EXPIRY DATE •
SULPHIDE	1	324445	MAR 26, 1998
OXIDE	1	324446	MAR 26, 1998
OXIDE	12	325503	MAY 07, 1997

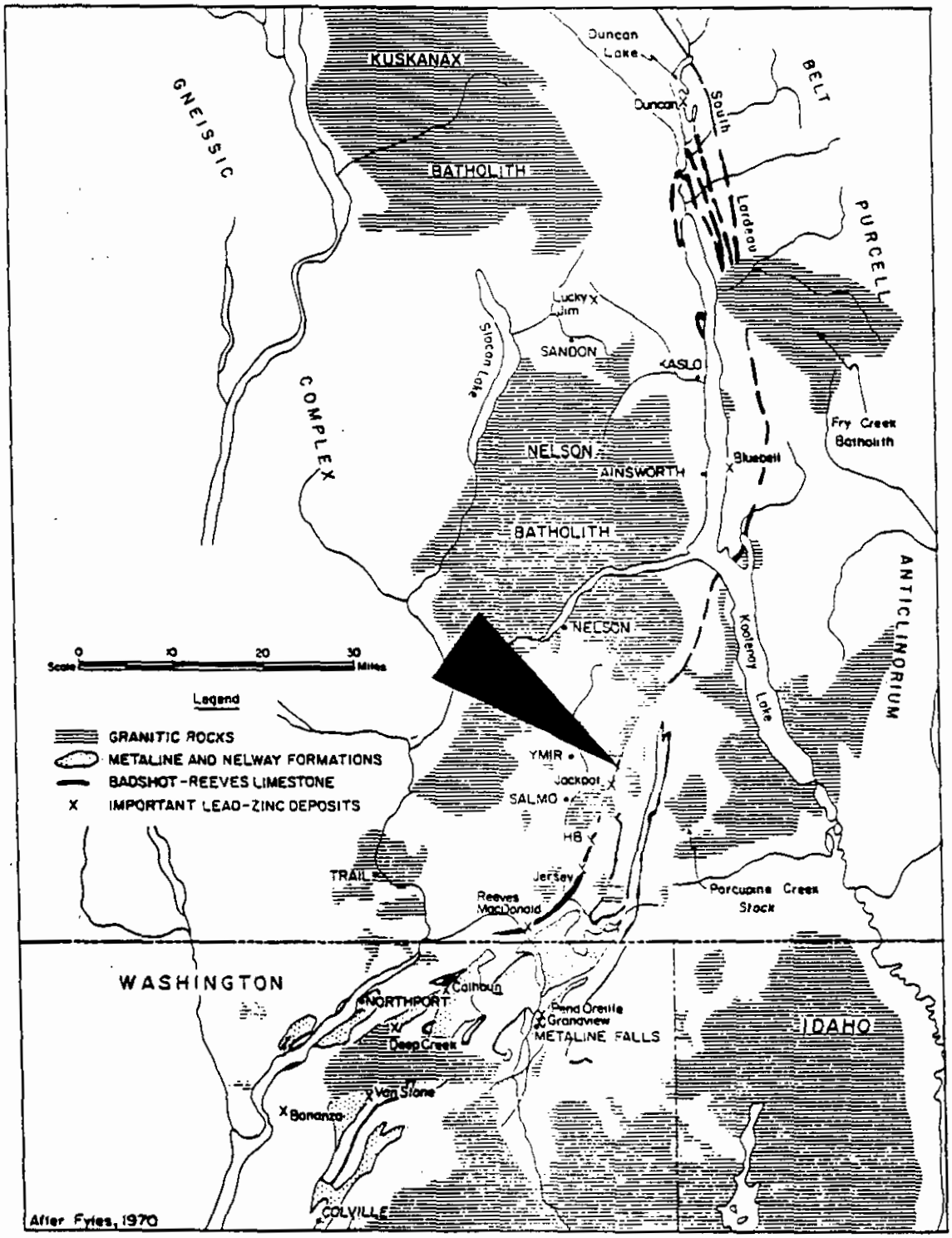
• Expiry date upon acceptance of work as detailed in this report.

6.0 HISTORY AND DEVELOPMENT:

The Oxide property contains an interesting mineral occurrence of Zinc-Lead-Iron oxides which is described in B.C. Dept of Mines Bulletin 41. Records indicate that the oxide zone was mainly explored for base metals, but a few assays for gold were done. One of the drill holes cut "pyritic quartz ..." reported to have yielded a low gold assay. No other references to gold exploration were found.

FIGURE 1

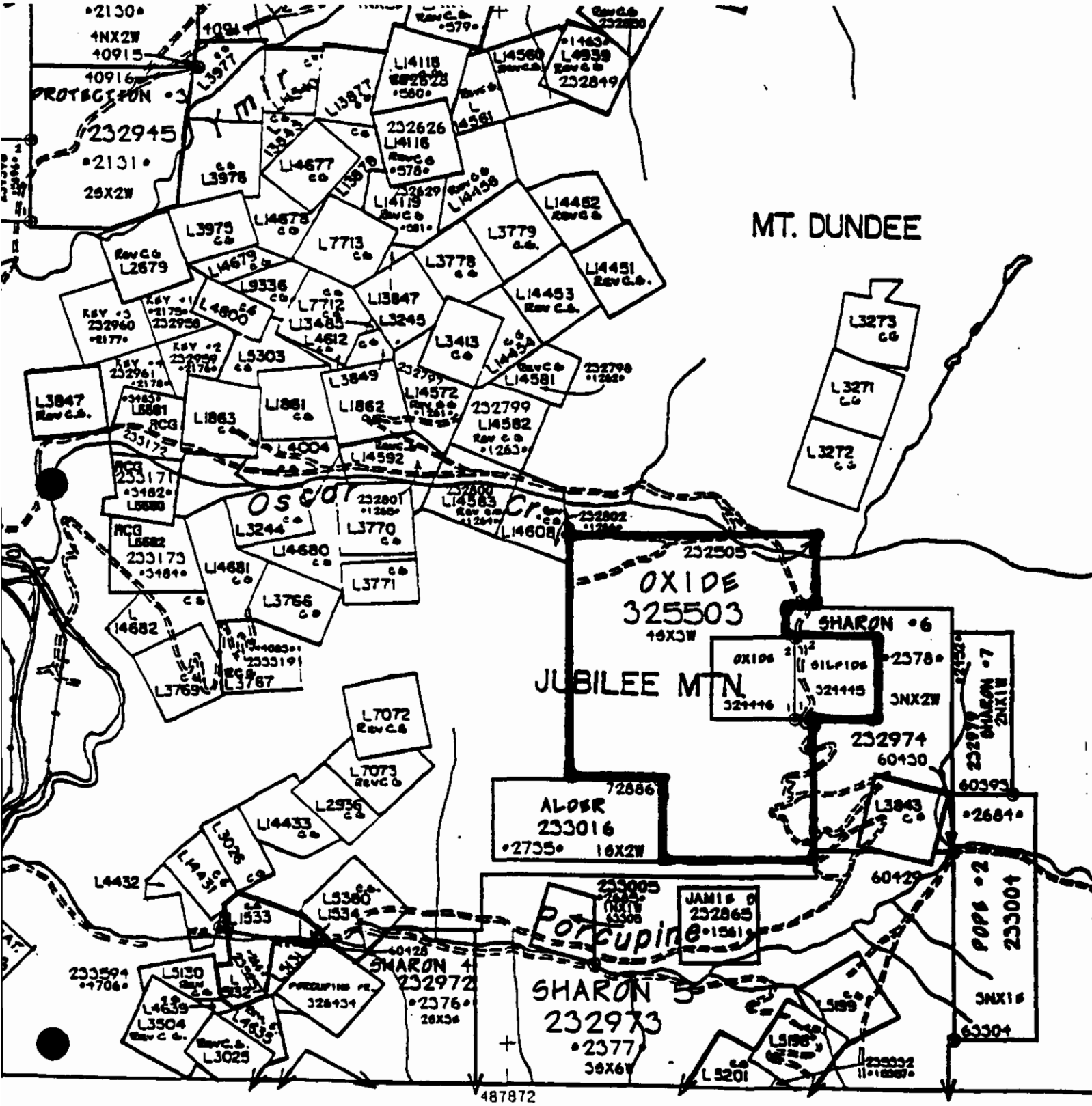
LOCATION MAP
OXIDE PROPERTY



Geologic map of the southern part of the Kootenay Arc.

FIGURE 2

CLAIM MAP
OXIDE PROPERTY



The following will serve to briefly outline past activity on the property.

- 1943 - limonite zone discovered by E.P.Haukedahl.
- 1944 - two holes totalling 600 feet drilled by Leta Explorations Ltd.
- 1945-1947 - road building, tunneling and drilling while property under option to International Mining Corp.
- 1948 - property optioned by New Jersey Zinc Co., and subsequently considerable drilling done.
- 1950 - 1955 - Ox 4 adit driven.
- 1962 - two holes totalling 669 feet drilled by New Jersey Zinc Co.
- 1976 - soil geochem 195 samples Pb and Zn only.
- 1994 - Property acquired by the present owners, L. Addie and R. Bourdon.

7.0 GEOLOGY & MINERAL OCCURRENCES:

The general geology of the area is shown on Figure 3 Sheet C which accompanies B.C Dept. of Mines Bulletin 41. Areas of interest for gold exploration are those which are similar to the Jersey Mine environment, specifically, where Reeves limestone of the Laib formation is present, and particularly where the Reeves is in contact with argillites of the Active or Laib (Emerald) formations. Major faulting also appears to be important at the Jersey.

7.1 **Oxide Showing:** A deposit of highly oxidized red-brown earthy material which is reported to be about 450 metres long, 9 metres wide and at least 180 metres deep. The zone contains values in Zinc (up to 15%) and some Lead (up to 3%). According to McAllister, 1951, zinc occurs as a silicate (calamine) and as a phosphate (parahopeite). Lead is for the most part contained in pyromorphite but is occasionally found as galena nuggets. It is reported that the deposit contains up to 23% Manganese. The Oxide showing is located on the Oxide Fault which strikes about N10°E and dips steeply to the East. It separates quartzites (Lower Cambrian) on the West from argillites of the Active formation on the East. Near the fault, and for up to 300 metres away, the rocks are highly fractured and contain many quartz veinlets striking in various directions. About 200 metres to the East of the Oxide workings the rocks (limestone? argillite?) have been altered to serpentinite.

7.2 **Showing about 800 metres SW of the Oxide Zone:** One or more narrow 0.2 to 0.3 metre wide quartz veins strike at 255° to 260° and dip at 70° to 80° to the South. The vein(s) is exposed in a two metre deep shaft and in a short adit located about 50 metres to the Northeast of the shaft. It is not known if both showings are on the same vein. At both locations the mineralization is similar and consists of a frothy quartz vein in quartzite containing scattered

galena, sphalerite and pyrite. This is a previously undocumented occurrence.

7.3 Showing about 300 metres NE of the Oxide Zone: In this area there are numerous banded, vuggy 'epithermal' style quartz veins both paralleling and cross-cutting the bedding in the limestone. Limonite is common in the cavities in the quartz but sulphides are not abundant. At one location there are two small prospect pits where samples 38648 and 38649 were taken. There is no outcrop here, but rubble near the pits contains minor galena, sphalerite and pyrite. This showing also appears to be previously undocumented.

7.4 Showing about 500 metres North and on trend with the Oxide Zone: A number of old pits and trenches were excavated in this area where silicified limestone contains narrow quartz and calcite veins. Pyrite, siderite, pyrrhotite and patches of iron oxides occur in both the veins and in the limestone. Samples 38638 to 38641 were taken in this area.

8.0 SAMPLING & GEOCHEMISTRY PROCEDURE:

8.1 Rocks: A total of 26 rock samples were collected from old workings and mineralized outcrops. Samples were placed in heavy plastic bags and tagged accordingly.

8.2 Soils: A 500 metre long reconnaisance sampling line was established with hip chain and compass, and marked with flagging tape. The line was located so that it crossed the two known mineralized showings of interest - the Oxide showing, and the newly discovered "epithermal" style showing to the East. Using a mattock, a total of 26 soil samples were collected at 20 metre intervals. All samples were taken from the B-horizon at an average depth of about 20 to 25 centimetres. Samples were placed in kraft paper envelopes and tagged accordingly.

8.3 Silts: A total of 17 silt samples were collected. Samples were placed in kraft paper envelopes and tagged.

All samples were shipped by Greyhound to Acme Analytical Labs in Vancouver for geochemical analyses.

Samples are crushed to -3/16", split in approx. 1/2, and pulverized to -100 mesh. Soil samples are dried and seived to -80 mesh. From these, a 0.500 gram sample is digested with 3 ml. of 3-1-2 HCl-HNO_3-H_2O at 95°C for one hour and is diluted to 10 ml. with demineralized water. Multi-element analysis is done by Inductively Coupled Argon Plasma. Elements obtained in the ICP analysis are: Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, B, Al, Na, K and W.

Gold is determined by igniting a 10 gram sample overnight at 600° C and digesting it in 30 mls. of hot dilute Aqua Regia. 75 ml. of clear solution obtained is extracted with 5 ml. of Methyl Isobutyl Ketone (MIBK). Au is determined in MIBK extract by Atomic Absorption.

In addition, 5 soil samples were re-analyzed by fire assay for Pt and Pd. These soils were from the area on the East side of Oxide pass where highly serpenitized rocks occur, and high Ni and Cr values were detected in the 30 element ICP. (samples 3+00E, 3+20E, 3+40E, 3+60E and 3+80E).

Two rock samples were re-analyzed by ICP for Ga and Ge. These samples were typical Fe-Zn-Pb oxide material from the oxide workings where high zinc values are present.

9.0 DESCRIPTIONS OF SAMPLES:

SAMPLE#	LOCATION	TYPE
51874	SMALL CR. NORTH OF OXIDE SHOWING IN LOGGING	SILT
51876	N TRIB OF PORCUPINE CR. 300M E OF L.4634	SILT
51877	CR. 100M E OF 51876 N.TRIB OF PORCUPINE CR	SILT
51878	CR 200M E OF 51877	SILT
51879	CR 500M E OF 51878	SILT
51880	300M E OF 51879	SILT
51881	400M E OF 51880	SILT
51882	1200M E OF 51881 / AT JCN OF OXIDE RD.	SILT
51883	200M E OF 51882	SILT
51884	1100M E OF OXIDE RD JCN	SILT
51885	1300M E OF OXIDE RD JCN	SILT
51886	ACTIVE CR	SILT
38610	CR S SIDE OXIDE PASS AT ELEV ±4000'	SILT
38611	CR W OF OXIDE CR ±3800'	SILT
38618	OXIDE SHOWING DUMP GRAB LIMONITE CHUNKS	ROCK
38620	990M W OF ACTIVE CR	SILT
38621	1350M W OF ACTIVE CR	SILT
OXIDE#1	QTZITE+QTZ VEINS+PY W SIDE TOP OXIDE PASS	ROCK
OXIDE#2	INTERNATIONAL ADIT DUMP GRAB QTZITE+PY	ROCK
OXIDE#3	INTERNATIONAL ADIT DUMP GRAB ARG+QTZ	ROCK
OXIDE#4	INTERNATIONAL ADIT DUMP GRAB ARG+QTZ+PY	ROCK
OXIDE#5	FLOAT QTZ VEIN IN ARG CR W OF INT TUNNEL	ROCK
90514	FG SHEARED FELSIC DYKE WITH DISSEM FG PY	ROCK
90515	SAME LCN AS 90516 GRAB QTZ+PY ONLY	ROCK
90516	ADIT 50M NE OF 38625 DUMP GRAB QTZ+PY+PBS	ROCK
38625	SHAFT W OF OXIDE DUMP GRAB QTZ+PBS+PY	ROCK
38638	100M S OF LOGGING 50M E OF RD LS+SIDERITE	ROCK
38639	SAME LCN AS 38638 QTZ+PY+OXIDIZED PATCHES	ROCK
38640	50M S OF 38639 BUFF LS+SIDERITE/CALCITE	ROCK
38641	SAME LCN AS 38640 MAFIC SILIC RX+DISSEM PO	ROCK
38642	QTZ FLOAT IN PASS VUGGY BRECCIATED BANDED	ROCK
38643	ADIT DUMP GRAB VUGGY QTZ CRYSTALS IN CAVITIES	ROCK
38644	FIRST DRAW NW OF OXIDE PASS	SILT

38645	100M N 38643 LIMONITE FLOAT	ROCK
38646	SAME LCN AS 38645 EPITHERMAL? QTZ 2'X3'PANEL	ROCK
38647	SAME LCN AS 38646 LIMONITE	ROCK
38648	GRAB 100M N OF 38647 QTZ+PBS+PY ZONE	ROCK
38649	SAME LCN AS 38648 QTZ+VUGS WITH LIMONITE	ROCK
38650A	OXIDE SHOWING-DUMP GRAB RED DIRT-LIKE MATERIAL	ROCK
38650B	20M N OF 38650A SIMILAR MATERIAL	ROCK
38650C	20M N OF 38650B SIMILAR MATERIAL	ROCK
38650D	30M N OF 38650C SIMILAR MATERIAL	ROCK
38650E	20M SW OF 38650A SIMILAR MATERIAL	ROCK

10.0 OBSERVATIONS:

The field examinations and geochem reconnaissance program carried out on the Oxide property indicates the following:

i. The area in the vicinity of the Oxide Fault is very mineralized and contains an extensive deposit of Fe-Zn-Pb oxides and a number of smaller prospects. In addition, there is extensive silicification and quartz veining, much of which exhibits epithermal textures.

ii. Rock samples returned dissappointing gold values, although most were anomalous. The Oxide zone appears to average about 30 to 40 ppb. and the quartz vein showings assayed up to a few hundred ppb Au.

iii. The elements that are associated with gold at the Jersey property (ie. As, Sb and Bi) are consistently anomalous in mineralized rocks at the Oxide property.

iv. Analysis of Fe-Zn-Pb oxides for Ge and Ga were negative.

v. Analysis of the serpentinized rocks to the East of the Oxide showing were negative for Pt and Pd. Nickel, Chromium and Cobalt were very anomalous in soils in this area.

vi. Soil sampling indicated 3 areas which were highly anomalous in Zn, Pb and Mn. The first at 1+16E coincides with the Oxide Zone. The anomaly at 2+20E is unexplained, and the anomaly at 3+80E is near the old prospect pits where zinc and lead sulphides were noted. Gold values in soils are low. The only possibly anomalous sample was at 2+20E which returned 33 ppb and coincides with the Zn-Pb anomaly noted above.

vii. A review of the silt sample analyses clearly show that Au is very anomalous in sediments from creeks that drain the Oxide claim area (samples 51881, 51882, 51883 and 51874). This is not the case for Zn, Pb, As, Sb and Bi. Although samples 51883 and 38610, from the creek which

drains the Oxide zone area, are very anomalous in Zn, so are a number of other creeks. This may indicate that zinc mineralization is more widespread than gold. Also, anomalous As, Sb and Bi at the showings on the Oxide property do not appear to be reflected in stream sediments.

11.0 RECOMMENDATIONS:

i. The Oxide property has seen a fair amount of exploration in the past. At the time, the oxides were for the most part ignored in favour of finding an economic deposit of sulphides lying beneath the oxides. Based on past drilling and surface exploration, the probable size of the Oxide deposit is in the order of 2+ million tons (9m wide x 450m long x 180m deep = 700,000+ cubic metres). **An effort should be made to re-evaluate the potential of the oxide zone based on current technology**

ii. Rock and silt sampling indicate that anomalous gold is common in the vicinity of the Oxide fault. In addition, the anomalous As, Sb and Bi at the known showings and the widespread silicification, suggest that this is a good environment for gold exploration. **Further prospecting for gold is recommended in the areas within 300 metres of the Oxide Fault,** and,

iii. The two areas East of the Oxide zone where Zn and Pb are anomalous in soils should be further investigated. **Prospecting for mineralization in place and hand trenching in this area is recommended.**

L. Addie

R. Bourdon

May 1995

APPENDIX I

BIBLIOGRAPHY
OXIDE PROPERTY

EMPR AR 1902-163; 1944-61; 1945-99; 1946-141; 1947-160; 1948-131; 1950-123; 1952-145; 1953-115; 1954-125; 1962-74; 1966-212; 1965-180; 1966-212

EMPR EXPL 1976-38; 1980-68

EMPR OF 1988-1; *1989-11; 1991-16

EMPR MAP 7685G; RGS 1977; 8480G

EMPR FIELDWORK 1980, pp. 149-158; 1981, pp. 28-32, pp. 176-186; 1987, pp. 19-30; 1988, pp. 33-43; 1989, pp. 247-249; 1990, pp. 291-300

EMPR BULL *41, p. 133, STRATIGRAPHY & STRUCTURE OF THE SALMO LEAD-ZINC AREA, FYLES, J.T., 1959

EMPR ASS RPT 5797; 9094

EMPR PF (Whiting, F. (1946): Oxide Group - Surface Geological Plan by New Jersey Zinc Expl. Ltd., Dec., 1948)

GSC MAP *51-4A; 175A; 1090A; 1144A

GSC P *51-4, McALLISTER, A.J., YMIR MAP AREA, B.C., 1951

GSC MEM 308, pp. 103,185

GSC OF 1195

EMR MP CORPFILE (International Mining Corp.)

B.C. MINIISTRY OF MINES MINFILE DATABASE

R.J. Bourdon FILE # 94-1454

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr 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	Au* ppb
B 51872	19	61	28	714	.7	60	8	282	2.95	26	<5	<2	6	62	5.0	6	<2	71	1.39	.136	22	19	.68	378	.03	<2	.59	<.01	.16	<1	250
✓ B 51874	2	20	37	536	.3	37	9	809	3.41	18	<5	<2	4	29	5.2	<2	<2	42	.48	.132	22	33	.54	197	.07	<2	1.26	.01	.15	<1	210
RE B 51874	2	20	33	539	.3	38	9	822	3.45	14	<5	<2	4	29	5.8	<2	<2	42	.48	.134	22	31	.55	204	.07	<2	1.27	.01	.15	<1	150

Sample type: SILT. Samples beginning 'RE' are duplicate samples.

Lloyd Addie FILE # 94-2458

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr 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	Tl ppm	Hg ppm	Au* ppb
✓ 51875	1	22	20	482	.3	29	5	414	1.82	6	5	<2	2	61	14.8	<2	<2	29	1.28	.106	19	29	.47	69	.04	6	.75	.01	.14	<1	<5	<1	10
✓ 51876	2	26	36	559	.6	29	8	606	2.44	11	5	<2	2	72	17.9	<2	<2	46	1.25	.169	19	26	.66	90	.07	8	1.56	.01	.19	<1	<5	<1	6
✓ 51877	2	52	102	1666	1.3	42	8	850	2.50	20	7	<2	2	75	30.5	<2	<2	41	1.43	.098	21	34	.86	69	.09	4	1.97	.02	.19	<1	<5	<1	14
✓ 51878	1	30	42	288	.8	47	7	811	2.33	14	15	<2	<2	124	7.3	2	<2	29	2.09	.106	23	37	.67	139	.05	5	1.55	.01	.17	<1	<5	<1	12
✓ 51879	2	35	26	172	.6	66	11	518	2.82	36	<5	<2	2	96	1.3	<2	<2	49	1.75	.154	19	80	1.19	144	.09	3	1.58	.02	.26	2	<5	<1	6
✓ 51880	1	43	215	560	1.7	37	6	858	1.83	19	13	<2	<2	123	6.0	<2	<2	31	2.34	.131	17	96	.82	136	.05	12	1.12	.02	.15	<1	<5	1	6
✓ 51881	1	22	37	310	.7	54	9	406	2.62	12	<5	<2	<2	48	2.3	<2	<2	42	.85	.093	21	43	.74	138	.07	3	1.71	.01	.17	<1	<5	<1	88
✓ 51882	3	49	49	704	.8	114	12	568	2.89	17	<5	<2	3	50	7.1	<2	<2	47	1.49	.354	24	30	.73	126	.04	2	.88	<.01	.17	<1	<5	<1	130
✓ 51883	2	24	80	1014	.5	54	10	585	3.34	31	<5	<2	3	33	8.6	<2	<2	25	1.42	.200	27	20	.87	91	.03	<2	.69	<.01	.13	<1	<5	<1	75
✓ 51884	<1	10	5	85	.1	5	6	494	2.89	2	8	<2	9	69	<.2	<2	<2	45	.95	.195	42	19	.90	115	.18	<2	1.50	.02	.73	<1	<5	3	<1
✓ 51885	<1	7	7	74	.1	3	6	521	2.60	<2	7	<2	8	55	<.2	<2	<2	40	.78	.123	38	12	.73	76	.16	<2	1.47	.02	.50	<1	<5	<1	1
✓ RE 51885*	<1	8	7	73	<.1	5	3	522	2.57	9	7	<2	7	53	<.2	<2	<2	39	.74	.116	36	11	.73	75	.15	3	1.46	.02	.50	<1	<5	<1	2
✓ 51886	<1	9	25	92	.1	5	5	744	2.28	4	40	<2	2	89	.7	<2	<2	36	1.24	.141	40	12	.64	80	.10	4	1.50	.02	.30	<1	<5	<1	4
✓ 51886A	1	19	63	666	.3	22	5	312	2.51	<2	<5	<2	7	36	3.9	<2	<2	71	2.57	.159	30	16	2.20	85	.10	2	1.01	.02	.18	2	<5	<1	41
STANDARD C/AU-S	18	57	37	127	6.8	67	29	1045	3.96	38	18	7	34	49	16.7	13	17	60	.51	.090	40	55	.90	185	.08	33	1.88	.05	.15	9	<5	2	47

Sample type: SILT. Samples beginning 'RE' are duplicate samples.

APPENDIX II p.1

	SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr 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	Au* ppb
✓	38610	2	35	72	1594	.7	68	15	675	4.22	38	5	<2	6	36	13.9	2	<2	16	1.93	.174	26	26	1.10	87	.03	2	.79	.01	.13	2	29
✓	38611	2	56	91	589	1.2	44	9	2254	2.50	12	8	<2	<2	56	10.8	<2	<2	29	2.26	.234	11	22	.52	246	.03	7	.96	.01	.13	7	14
✓	38612	6	73	80	875	.9	198	17	657	3.25	31	17	<2	4	83	8.3	4	<2	40	1.52	.281	27	51	.91	160	.05	4	.98	.01	.17	2	14
	RE 38612	6	76	80	899	.9	204	18	679	3.24	30	17	<2	4	85	8.7	<2	<2	40	1.56	.280	26	50	.93	168	.05	4	.99	.01	.17	1	12

Sample type: SILT. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

R.J. Bourdon File # 94-1454 Page 1

907 W. Richards St., Nelson BC V1L 5T3

	SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr 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	Au* ppb
✓	E 38612	7	285	7	151	1.6	116	6	1704	13.46	<2	<5	<2	3	77	2.7	<2	<2	153	1.92	.433	15	51	.37	15	.05	<2	.66	<.01	.28	<1	4
✓	E 38613	21	420	11	129	2.8	245	13	874	22.64	<2	<5	<2	3	60	2.6	<2	<2	251	1.45	.408	11	31	.25	16	.04	<2	.58	<.01	.18	<1	9
✓	E 38614	3	99	9	61	.5	39	4	1874	5.56	5	<5	<2	2	111	1.2	<2	<2	70	2.59	.367	13	26	.18	53	.03	<2	.35	<.01	.12	1	4
	E 38615	2	28	23	125	2.8	16	7	364	1.60	22	<5	<2	5	27	1.3	2	<2	4	.27	.113	19	15	.02	59	<.01	<2	.18	<.01	.12	3	16
	E 38616	1	108	86	764	1.9	23	9	554	2.14	10	<5	<2	14	3	1.8	2	4	17	.09	.080	44	11	.03	115	<.01	<2	.39	<.01	.27	<1	4
	RE E 38616	1	106	94	767	2.0	23	9	552	2.15	14	<5	<2	14	3	1.5	3	<2	17	.09	.076	44	11	.03	117	<.01	<2	.38	.01	.26	<1	3
	E 38617	2	13	10	75	.3	3	2	60	2.04	9	<5	<2	5	3	.5	4	2	3	.01	.024	16	7	.01	123	<.01	2	.14	<.01	.10	<1	92
✓	E 38618	1	87	11834	99999	42.8	131	3	772	11.55	31	<5	<2	2	5	57.6	2	12	24	.06	.268	9	14	.05	56	.01	<2	.15	<.01	.07	<1	70
	E 38619	<1	57	5435	16018	228.1	8	6	74	7.58	298	<5	<2	<2	2	322.3	<2	499	<2	.01	.005	<2	4	<.01	16	<.01	2	.10	<.01	.09	<1	140
	B 51873	2	30	24	107	.5	111	14	156	2.27	2	<5	<2	<2	133	.4	<2	7	24	1.60	.067	2	83	.68	11	.18	<2	1.93	.14	.18	1	20
	STANDARD C/AU-R	18	56	38	124	7.0	67	29	1048	3.96	41	18	7	37	49	17.0	15	24	63	.51	.093	40	56	.90	184	.08	33	1.88	.06	.16	11	470

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2 SILT AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: MAY 25 1994 DATE REPORT MAILED: May 31/94 SIGNED BY. C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

APPENDIX III P.2

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr 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	Tl ppm	Hg ppm	Au* ppb
E 38620	<1	24	63	795	.2	65	14	863	3.20	6	<5	<2	8	47	2.7	<2	3	46	4.19	.163	21	32	5.22	506	.12	3	2.04	.02	.32	<1	<5	<1	22
E 38621	1	37	31	1231	.3	60	12	692	2.54	8	<5	<2	2	50	6.5	3	<2	45	1.83	.112	15	60	1.13	125	.10	6	1.92	.04	.21	<1	<5	<1	3
E 38622	1	35	70	840	3.6	58	11	520	2.42	12	<5	3	2	78	2.0	3	<2	44	1.69	.117	20	64	1.39	144	.12	6	1.78	.03	.20	<1	<5	<1	8
E 38628	1	42	18	117	<.1	30	13	636	3.76	14	<5	<2	7	45	.2	2	<2	76	.54	.113	23	42	.76	144	.13	<2	1.72	.02	.24	<1	<5	<1	16
RE E 38628	1	40	14	113	<.1	28	12	611	3.56	10	<5	<2	6	42	.3	2	<2	72	.51	.107	23	40	.73	136	.13	<2	1.64	.02	.23	<1	<5	<1	13
E 38629	1	21	9	79	<.1	18	8	320	3.31	8	<5	<2	8	41	.4	3	<2	74	.89	.107	21	31	.38	63	.07	2	.79	.02	.10	2	<5	<1	6
E 38635	11	63	19	1351	.7	139	10	621	2.83	19	<5	<2	<2	80	8.9	5	2	39	2.46	.113	12	27	.44	166	.03	5	.93	.01	.09	<1	<5	<1	6
E 38636	2	41	10	1215	.2	113	11	313	1.51	4	<5	<2	2	78	21.7	2	<2	31	4.27	.077	13	17	.37	110	.04	2	.75	.01	.08	<1	<5	<1	1
E 38637	28	90	24	1164	1.2	114	13	348	5.30	56	<5	<2	3	70	7.0	9	<2	57	1.78	.121	22	15	.43	233	.03	2	.69	.01	.09	<1	<5	<1	3
E 38644	1	21	42	249	<.1	34	11	1184	2.61	10	<5	<2	2	32	1.5	3	<2	33	.43	.094	22	28	.31	148	.07	<2	1.33	.01	.09	1	<5	<1	6
E 38650A	3	83	18919	69829	9.0	394	12	2742	20.01	81	8	<2	5	29	61.9	24	42	71	.15	.452	31	23	.13	244	.02	<2	.79	<.01	.06	<1	<5	<1	93
E 38650B	5	62	12002	18875	5.5	131	10	2304	21.72	62	<5	<2	7	25	27.6	14	14	68	.12	.389	29	28	.14	278	.04	4	1.47	.01	.07	6	7	<1	34
E 38650C	4	46	7104	5619	.5	94	12	3724	18.41	49	<5	<2	6	31	14.7	9	4	85	.15	.432	31	27	.13	424	.05	3	1.82	.01	.07	12	9	<1	18
E 38650D	8	19	6902	99999	1.2	293	6	1587	35.49	67	<5	<2	4	5	132.3	21	23	53	.04	.440	16	29	.13	38	<.01	4	.08	<.01	.01	<1	<5	<1	32
E 38650E	2	38	2050	3187	.5	79	11	1932	11.37	32	<5	<2	10	27	3.1	8	14	57	.07	.174	38	25	.15	359	.06	<2	2.12	.01	.10	<1	<5	<1	38
STANDARD C/AU-S	19	58	38	122	6.9	75	31	1049	3.96	41	15	6	35	50	19.0	17	19	60	.51	.090	42	56	.92	183	.08	33	1.88	.06	.16	10	<5	1	48

Sample type: SILT. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

R.J. Bourdon File # 94-2335R

SAMPLE#	Ga ppm	Ge ppm
E 38650A	12	11.8
E 38650B	17	8.7
RE E 38650B	15	9.5

GA - BY 4 ACIDS DIGESTION, ANALYSIS BY ICP. GE - BY HF DIGESTION, ANALYSIS BY ICP.
- SAMPLE TYPE: SILT PULP Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 14 1994 DATE REPORT MAILED: Nov 3/94 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Lloyd Addie File # 94-1023 Page 1

604 - 3rd St., Nelson BC V1L 2P9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr 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	Au* ppb
OXIDE #1	2	17	13	58	.5	9	1	86	2.59	26	<5	<2	5	3	.4	<2	<2	<2	.01	.026	18	12	.01	30	<.01	3	.17	.01	.10	3	47
RE OXIDE #1	2	18	15	59	.3	8	1	77	2.60	27	<5	<2	5	3	.7	<2	<2	<2	.01	.026	18	12	.01	30	<.01	2	.17	.01	.11	3	40
OXIDE #2	2	11	61	11	.2	6	1	41	1.16	12	<5	<2	4	6	<.2	<2	<2	2	.04	.033	22	10	.01	30	<.01	3	.16	<.01	.12	3	19
OXIDE #3	2	20	14	61	.1	11	3	96	3.74	17	5	<2	17	5	.3	<2	2	13	.01	.076	47	15	.30	38	.01	3	.99	.01	.26	1	9
OXIDE #4	2	5	80	13	.6	13	6	30	3.65	45	<5	<2	3	4	<.2	<2	<2	2	.01	.009	11	9	.01	31	<.01	3	.15	<.01	.14	3	140
OXIDE #5	5	30	9	125	.5	23	3	132	.78	11	<5	<2	2	20	1.1	2	<2	31	.26	.099	5	13	.02	27	<.01	3	.14	<.01	.08	4	21
~~LO #1~~	~~4~~	~~118~~	~~19~~	~~160~~	~~.5~~	~~33~~	~~4~~	~~112~~	~~1.67~~	~~5~~	~~<5~~	~~<2~~	~~5~~	~~77~~	~~.4~~	~~<2~~	~~<2~~	~~149~~	~~1.94~~	~~.533~~	~~7~~	~~43~~	~~.99~~	~~461~~	~~.05~~	~~<2~~	~~2.31~~	~~.12~~	~~.39~~	~~2~~	~~5~~
~~LO #2~~	~~3~~	~~117~~	~~5~~	~~73~~	~~.2~~	~~29~~	~~4~~	~~113~~	~~1.09~~	~~3~~	~~<5~~	~~<2~~	~~6~~	~~87~~	~~.2~~	~~<2~~	~~<2~~	~~54~~	~~3.32~~	~~.335~~	~~4~~	~~38~~	~~.73~~	~~3123~~	~~.05~~	~~<2~~	~~2.25~~	~~.04~~	~~.42~~	~~1~~	~~35~~
STANDARD C/AU-R	19	63	38	130	6.9	66	30	1117	4.16	42	19	7	39	56	18.5	15	17	55	.53	.097	37	57	.95	197	.08	34	1.97	.07	.14	13	480

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2 SILT *AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.*
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: APR 12 1994 **DATE REPORT MAILED:** April 21/94. **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Lloyd Addie File # 94-2336 Page 1

604 - 3rd St., Nelson BC V1L 2P9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr 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	Tl ppm	Ng ppm	Au* ppb
~~D 90501~~	~~2~~	~~29~~	~~119~~	~~63~~	~~.5~~	~~57~~	~~15~~	~~243~~	~~4.12~~	~~4~~	~~<5~~	~~<2~~	~~5~~	~~101~~	~~<.2~~	~~<2~~	~~<2~~	~~49~~	~~3.77~~	~~.037~~	~~15~~	~~88~~	~~1.29~~	~~29~~	~~.21~~	~~<2~~	~~5.67~~	~~.07~~	~~.90~~	~~<1~~	~~<5~~	~~<1~~	~~7~~
D 90504	<1	60	36	33	.1	16	10	170	5.11	<2	<5	<2	2	60	.5	<2	<2	56	2.10	.140	12	38	1.00	45	.19	3	2.23	.05	.69	<1	<5	<1	16
D 90506	2	57	35	67	.2	17	14	468	4.15	11	<5	<2	3	29	.4	<2	<2	83	.96	.155	16	22	1.05	53	.31	<2	1.62	.11	.70	<1	<5	<1	7
D 90508	<1	419	13	17	1.2	22	69	326	43.04	<2	<5	11	3	5	<.2	23	<2	2	.19	.002	7	6	.09	10	<.01	33	.19	<.01	.02	5	5	<1	3160
D 90509	1	3277	12596	15240	99.3	8	4	482	9.96	70	6	90	2	15	148.5	14	183	<2	.78	.004	<2	7	.05	4	<.01	<2	.04	<.01	.01	4	<5	<1	99999
D 90510	<1	409	27980	40159	27.1	4	2	5118	9.25	271	<5	15	<2	90	270.4	33	<2	<2	5.25	.012	2	3	1.26	13	.01	3	.18	<.01	.14	2	<5	<1	14200
D 90511	2	141	67	160	<.5	13	15	712	14.25	6	<5	<2	3	31	.8	<2	<2	47	.61	.115	7	30	.59	39	.08	7	1.61	.04	.65	12	<5	<1	1230
D 90512	<1	85	1666	1230	3.9	4	2	345	.67	20	<5	4	<2	137	7.9	6	<2	2	25.44	.039	2	3	6.73	21	.01	<2	.36	<.01	.08	39	<5	<1	2830
~~D 90513~~	~~5~~	~~85~~	~~25~~	~~40~~	~~1.1~~	~~25~~	~~2~~	~~72~~	~~3.38~~	~~29~~	~~<5~~	~~<2~~	~~2~~	~~26~~	~~.5~~	~~<2~~	~~<2~~	~~175~~	~~.44~~	~~.174~~	~~2~~	~~57~~	~~.92~~	~~171~~	~~.08~~	~~<2~~	~~1.86~~	~~.03~~	~~.88~~	~~5~~	~~<5~~	~~<1~~	~~680~~
D 90514	1	19	35	71	.2	4	12	510	4.92	11	<5	<2	<2	69	.5	2	<2	70	1.33	.206	6	4	1.36	172	.19	<2	1.63	.08	.32	6	<5	<1	35
D 90515	3	8	3855	729	43.7	5	1	47	1.64	32	<5	<2	<2	10	7.7	5	78	<2	1.19	.008	5	8	.24	32	<.01	2	.13	.01	.13	5	<5	<1	180
RE D 90515	3	8	3973	777	42.8	6	1	48	1.58	36	<5	<2	2	10	7.8	5	78	<2	1.24	.008	5	7	.24	31	<.01	3	.12	.01	.12	6	<5	<1	160
D 90516	4	11	49643	3145	294.9	12	2	62	2.76	160	<5	2	2	4	37.9	27	584	<2	.02	.009	3	18	.01	18	<.01	3	.06	.01	.05	2	<5	<1	220

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2 SILT AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 2 1994 **DATE REPORT MAILED:** Aug 9/94 **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

R.J. Bourdon File # 94-2335 Page 1

907 W. Richards St., Nelson BC V1L 5T3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr 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	Tl ppm	Hg ppm	Au* ppb
E 38631	9	12	37	240	.5	21	1	38	1.36	<2	<5	<2	7	12	1.7	2	<2	26	.11	.032	31	11	.07	143	<.01	<2	.41	.01	.29	<1	<5	<1	12
E 38632	3	16	198	604	1.1	91	6	472	1.95	9	<5	<2	2	95	.6	<2	2	33	12.08	.055	7	14	1.03	47	.06	<2	.69	.02	.06	3	<5	<1	10
E 38633	37	36	29	453	.7	63	7	110	1.87	26	5	<2	8	39	1.6	7	<2	72	.98	.036	13	15	.18	250	.01	4	.52	<.01	.25	1	<5	<1	13
✓ E 38638	<1	3	334	957	.9	41	1	1072	2.25	12	<5	<2	<2	44	68.0	3	2	9	18.19	.053	2	2	9.73	39	<.01	<2	.04	<.01	<.01	6	<5	<1	3
✓ E 38639	4	7	27	27	.1	14	4	130	.80	9	<5	<2	<2	1	.8	<2	<2	2	.09	.005	4	19	.04	15	<.01	<2	.07	<.01	.05	1	<5	<1	3
✓ E 38640	1	4	2979	4680	2.2	19	3	2146	5.22	37	<5	<2	<2	53	102.5	6	2	5	22.64	.055	3	2	4.42	112	<.01	<2	.05	<.01	.01	20	<5	<1	3
✓ E 38641	6	43	16	86	.6	37	4	589	2.97	4	<5	<2	3	49	1.0	<2	<2	40	1.31	.131	14	29	.59	113	.16	2	1.85	.12	.35	83	<5	<1	7
✓ RE E 38641	6	41	12	80	.6	35	4	549	2.75	6	<5	<2	3	46	.9	<2	<2	38	1.25	.126	13	27	.55	106	.14	<2	1.71	.12	.37	79	<5	<1	6
✓ E 38642	2	9	217	399	.3	10	<1	270	.70	9	<5	<2	<2	13	5.9	<2	<2	4	1.91	.120	2	9	.92	18	<.01	<2	.04	<.01	.02	1	<5	<1	4
✓ E 38643	4	3	53	132	.1	11	<1	241	.60	7	<5	<2	<2	37	1.1	2	<2	4	7.08	.008	<2	9	7.08	5	<.01	<2	.02	<.01	<.01	1	<5	<1	2
✓ E 38645	9	80	16950	6505	293.8	14	1	16	24.84	463	15	<2	<2	63	10.6	528	<2	39	1.91	1.755	3	47	.04	37	<.01	19	.16	<.01	.05	24	<5	<1	17
✓ E 38646	3	3	759	533	1.3	15	1	241	.56	9	<5	<2	<2	43	5.5	5	<2	2	7.19	.031	<2	6	3.18	15	<.01	<2	.02	<.01	.01	1	<5	<1	3
✓ E 38647	7	16	15774	47390	14.2	14	1	113	29.71	145	<5	<2	<2	39	143.4	43	<2	6	.54	.049	6	10	.10	16	<.01	18	.05	<.01	.01	112	6	1	75
✓ E 38648	3	398	29348	99999	216.5	15	2	70	3.61	230	<5	<2	<2	15	149.4	115	314	31	.30	.473	2	265	.04	12	<.01	<2	.03	<.01	.01	<1	<5	<1	300
✓ E 38649	6	340	35655	32610	94.4	16	1	103	3.63	228	6	<2	<2	12	96.0	46	102	33	.33	.275	<2	214	.06	12	<.01	2	.02	<.01	<.01	3	<5	<1	230
STANDARD C/AU-R	18	58	37	122	7.2	68	28	1006	3.96	42	16	8	35	48	16.8	15	18	58	.48	.089	36	62	.86	173	.08	38	1.88	.08	.17	12	<5	1	520

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2 SILT AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 2 1994 DATE REPORT MAILED: Aug 8/94 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

APPENDIX II p.5

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

OXIDE SOILS

R.J. Bourdon PROJECT X File # 94-2957

907 W. Richards St., Nelson BC V1L 5T3

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr 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	Tl ppm	Hg ppm	Au* ppb
X-0+00E	2	34	78	261	.7	37	17	501	3.33	14	5	<2	8	12	.2	2	2	43	.06	.069	26	22	.30	192	.13	<2	3.14	.01	.14	<1	<5	1	9
X-0+20E	2	28	108	301	.5	44	12	243	3.30	13	<5	<2	8	17	.2	4	3	34	.07	.068	31	21	.27	152	.07	2	2.19	.01	.13	<1	<5	<1	15
X-0+40E	2	28	70	234	.7	38	11	241	3.43	9	<5	<2	6	12	.2	2	<2	32	.06	.067	27	22	.31	140	.08	<2	2.06	.01	.21	1	5	<1	9
X-0+60E	2	29	73	222	.4	34	16	771	3.47	15	<5	<2	7	14	<.2	4	<2	38	.07	.097	24	21	.27	237	.11	<2	2.54	.01	.17	<1	<5	1	8
X-0+80E	2	24	47	297	1.7	42	16	2419	3.07	12	<5	<2	4	19	1.2	4	<2	39	.10	.070	21	18	.21	379	.13	2	2.94	.01	.14	1	<5	<1	8
X-1+00E	2	25	124	576	1.6	61	20	3196	4.42	10	<5	<2	7	84	1.8	<2	2	26	.13	.137	34	15	.21	592	.08	<2	1.91	<.01	.17	<1	<5	<1	2
X-1+16E	3	35	3236	2432	1.4	76	12	3671	9.36	2	8	<2	3	31	4.8	<2	2	69	.12	.290	31	22	.14	401	.06	3	1.98	<.01	.08	3	<5	1	9
X-1+40E	2	28	67	383	1.1	35	8	1058	2.77	13	<5	<2	3	9	1.2	7	<2	30	.05	.103	23	19	.19	143	.07	<2	2.80	.01	.14	1	<5	<1	3
X-1+60E	3	52	177	546	1.1	47	10	732	3.37	33	<5	<2	3	14	.8	5	<2	51	.06	.146	23	29	.13	175	.05	<2	2.43	.01	.05	2	<5	<1	6
X-1+80E	3	66	167	1014	1.2	132	12	469	3.90	27	5	<2	5	38	1.2	6	<2	70	.08	.158	29	46	.29	203	.09	2	2.63	.01	.07	<1	<5	<1	5
X-2+05E	2	35	138	334	1.5	26	10	591	2.60	21	<5	<2	3	16	.8	6	<2	66	.07	.157	22	27	.13	148	.07	<2	1.88	.01	.04	2	<5	1	3
X-2+20E	5	26	2761	1827	1.6	34	7	980	9.78	12	<5	<2	5	11	1.1	6	<2	55	.08	.341	17	29	.15	106	.09	2	2.69	.01	.04	4	5	1	33
X-2+40E	4	25	56	283	.9	368	24	412	3.18	16	<5	<2	4	17	1.1	7	<2	49	.12	.184	15	266	.73	224	.11	4	2.94	.01	.06	1	<5	1	4
X-2+60E	7	49	53	359	2.2	789	41	528	4.31	23	<5	<2	8	27	2.2	4	<2	53	.22	.205	19	358	1.01	199	.14	4	3.76	.02	.08	2	6	1	3
X-2+80E	2	41	31	392	.4	1470	58	487	5.43	23	<5	<2	6	24	1.4	<2	<2	63	.28	.127	19	747	2.57	234	.08	3	2.23	.01	.06	1	5	<1	3
X-3+00E	2	33	34	228	.3	2347	114	658	7.50	10	<5	<2	3	17	1.3	<2	<2	54	.43	.059	9	1118	6.39	161	.11	8	2.46	.01	.06	<1	<5	<1	6
X-3+20E	2	29	79	359	.1	2340	116	634	7.46	5	<5	<2	3	15	1.1	4	3	46	.28	.045	9	915	5.32	119	.07	9	2.11	.01	.04	<1	<5	<1	11
X-3+40E	2	21	44	187	1.1	2880	158	1575	8.86	<2	<5	<2	3	37	1.9	<2	<2	38	2.45	.049	3	1087	6.03	114	.05	4	1.96	.01	.02	2	<5	<1	7
X-3+60E	4	43	604	1627	.8	184	10	252	3.64	29	<5	<2	6	18	2.9	7	<2	146	.24	.156	26	63	.25	220	.03	2	1.35	<.01	.08	2	<5	<1	2
X-3+80E	4	30	19639	10095	4.7	821	8	2940	16.24	<2	25	<2	5	8	48.5	<2	<2	85	.35	.438	35	90	.15	95	.01	2	.33	<.01	.02	64	<5	<1	4
X-4+00E	2	19	447	2038	1.3	115	13	315	3.63	14	<5	<2	5	12	2.0	4	<2	52	.17	.075	13	64	.45	163	.10	<2	2.14	.01	.06	4	<5	<1	2
X-4+20E	1	18	253	881	2.7	60	11	317	2.89	9	<5	<2	4	13	1.9	7	<2	45	.13	.085	13	34	.27	167	.11	<2	2.67	.01	.05	1	6	1	3
RE X-4+20E	2	18	253	858	2.7	59	10	312	2.83	11	<5	<2	4	12	1.7	4	<2	44	.13	.085	13	33	.26	163	.11	2	2.63	.01	.05	3	5	1	4
X-4+40E	2	19	232	573	2.6	47	10	942	2.42	2	<5	<2	3	11	2.3	7	<2	41	.12	.132	10	25	.18	164	.12	2	3.32	.01	.05	2	<5	1	2
X-4+60E	1	26	77	247	1.0	32	8	953	2.19	<2	7	<2	3	14	1.1	8	<2	37	.14	.152	10	17	.17	157	.16	2	5.34	.02	.04	2	<5	3	1
X-4+80E	1	17	113	270	.8	40	9	937	2.42	2	<5	<2	5	12	1.4	6	2	40	.11	.121	11	20	.17	177	.15	<2	4.04	.02	.05	<1	<5	1	7
X-5+00E	2	27	86	371	3.9	60	9	715	2.20	8	<5	<2	4	11	1.6	4	<2	34	.12	.164	19	24	.22	181	.11	<2	3.25	.01	.05	<1	5	1	1
STANDARD C/AU-S	20	61	43	136	7.6	71	33	1119	4.16	43	27	5	41	52	16.9	17	23	58	.51	.093	41	60	.92	187	.09	32	1.97	.07	.17	12	<5	2	51

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 2 1994 DATE REPORT MAILED:

SIGNED BY.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEM PRECIOUS METALS ANALYSIS

R.J. Bourdon File # 94-2957R

SAMPLE#	Pt** ppb	Pd** ppb
X-3+00E	10	3
X-3+20E	11	4
X-3+40E	5	<3
X-3+60E	<3	<3
X-3+80E	3	4
RE X-3+80E	3	4
STANDARD FA-100S	51	46

10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE.
- SAMPLE TYPE: SOIL PULP
Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 14 1994 DATE REPORT MAILED: Nov 3/94 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

APPENDIX III

PROSPECTOR QUALIFICATIONS

1. I graduated from high school in 1982.

2. In 1982 I attended the Chamber of Mines of Eastern B.C./ B.C. Ministry of Mines "Basic Prospecting Course".

3. In 1983 I completed the "Advanced Prospector's Course" sponsored by EMPR.

4. In 1992 I attended the "Petrology for Prospectors" course sponsored by EMPR and the Chamber of Mines of Eastern B.C.

5. I have been prospecting and working in the mineral exploration industry since 1982 and have successfully optioned mineral claims to exploration companies.

L.Addie

June 1995

STATEMENT OF COSTS
OXIDE PROJECT

WAGES:

B. Bourdon, prospecting/sampling,	
4 days @ $200/day	$800.00
L. Addie, prospecting/sampling,	
4 days @ $200/day	$800.00

TRANSPORTATION:

4 X 4 including fuel,	
6 days @ $75/day	$450.00

FIELD EQUIPMENT:

Flagging tape, sample bags, hip chain thread etc.	$ 60.00

LAB ANALYSIS:

30 element ICP + Au Geochem,	
Soils, 26 @ $13.64	$354.64
Rocks, 20 @ $16.48	$329.60
Silts, 9 @ $13.64	$122.76
Re-analysis 2 rocks for GA, GE & 5 rocks for PT, PD	$102.72
Shipping, Greyhound Nelson to Vancouver	$ 50.61

REPORT:

Report preparation	$300.00
Drafting, map reproduction	$150.00
Secretarial	$ 60.00

TOTAL $3580.33

March 16, 1995

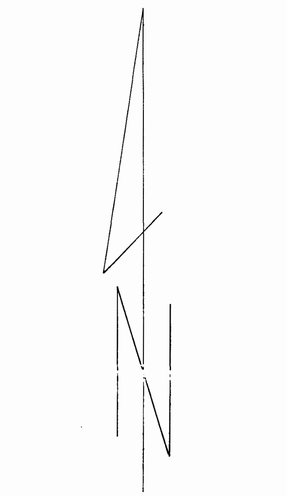
GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,959

OXIDE PROPERTY

LEGEND

- CLAIM POST
- CLAIM LINE (PROPERTY BDY)
- CLAIM LINE (NOT BDY)
- ROAD GRAVEL / DIRT
- HIGHWAY
- CREEK
- RIVER
- SHAFT
- TRENCH / PIT
- FAULT
- ROCK SAMPLE 38648
- SILT SAMPLE 38610
- SOIL LINE / SAMPLE



Scale: 1:5000

MAY 1995

Oscar Creek
Dunlop Creek
Porcupine Creek
Active Creek
JUBILEE MTN. 1750m.
OXIDE GRID CLAIM
OXIDE CLAIM
SULPHIDE CLAIM
OXIDE FAULT
OXIDE #1
OXIDE #2, #3, #4
OXIDE #5
SOIL LINE
1 SOW ALDER M/C
38644
51874
38638-39
38640-41
38646-49
38645-47
38642
38643
38650
38618
38650C
38650B
38650A
38650E
90515
90516
38625
90514
38610
38611
51884
51885
51883
51882
51876
51877
51878
51879
51880
51881
38621
38620
51886A
51886
LCP
FP
1P
80°