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Report on the

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORTS

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FEB 20 1996

GRIZZLY LAKE
ZINC-LEAD PROPERTY
Cariboo Mining Division,
British Columbia

Lat. 52°48'N; Long. 120°58'W
NTS 93A/14E & 15W

On Behalf of

GOLDEN KOOTENAY RESOURCES INC.

by

FILMED

James W. McLeod, P.Geo.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

JANUARY 30, 1996

Delta, British Columbia

24,304

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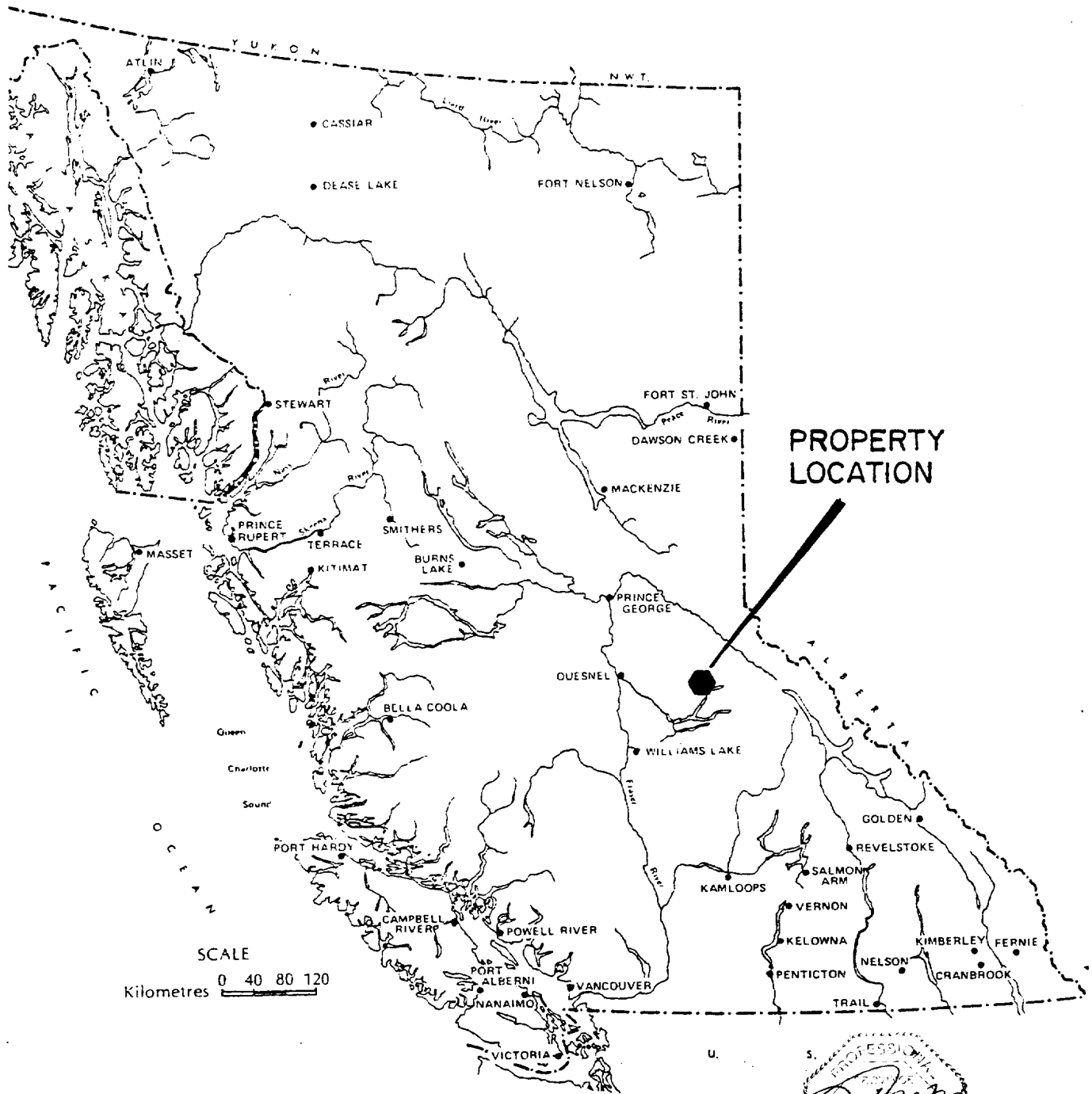
SUMMARY

During September-October 1995 Golden Kootenay Resources Inc. conducted a reconnaissance diamond core drilling program on the Grizzly Lake Zn-Pb property in the Cariboo Mining Division of British Columbia. The program included access road repair, drill site access, drilling three holes and partially cleaning-up the old Slater building stone (camp and loading area) site. The three holes, DDH 95-1&3, were drilled to gain geological information and to test for down-dip extensions of apparently anomalous zinc, lead and gold surface values.

While geochemical analyses and assays from the drill core samples was generally low a good deal of geological in-sight was gained regarding the apparent thickness of the carbonate sequence in the West Grid area, the character of the contact or transition zone between the carbonates and what is thought to be the basement schist in the general claim area and in the case of DDH 95-3, the carbonate-intrusive contact zone.

The current program rendered information that would suggest more of a concentration of efforts in the Center-East Grid areas and the need to utilize a more definitive geophysical method in delineating drill targets, ie. gravity. A gravity program is recommended utilizing the existing survey grids where possible.

The recommended program would include a gravity survey and further reconnaissance drilling of encountered anomalous (high gravity) areas and several well mineralized surface zones. The program is expected to take two months to complete at an estimated cost of \$200,000.



**PROPERTY
LOCATION**

SCALE
Kilometres 0 40 80 120



FAIRLANE TRANSPORTATION INC.

**GRIZZLY LAKE PROJECT
LOCATION MAP**

N.T.S. 93A-15

CARIBOO, M.D., B.C.



SCALE : AS SHOWN

DATE : DEC. 1995

DRAWN BY : J. M.

FIGURE NO. 1

INTRODUCTION

During the period September 20 - October 16, 1995 the writer supervised a reconnaissance core drilling program on the Grizzly Lake Zn-Pb property. The three holes were drilled in two areas of different underlying rock types; holes DDH 95-1&2 were collared in rock exposures of the carbonate-phyllite sequence and hole 95-3 was collared in an intrusive exposure along the 8400 road.

The three holes rendered information which is very important to the overall understanding of the underlying geology, structure, mineralization and alteration observed on this very large and complex property.

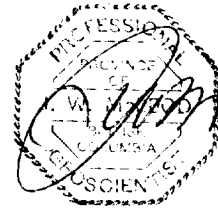
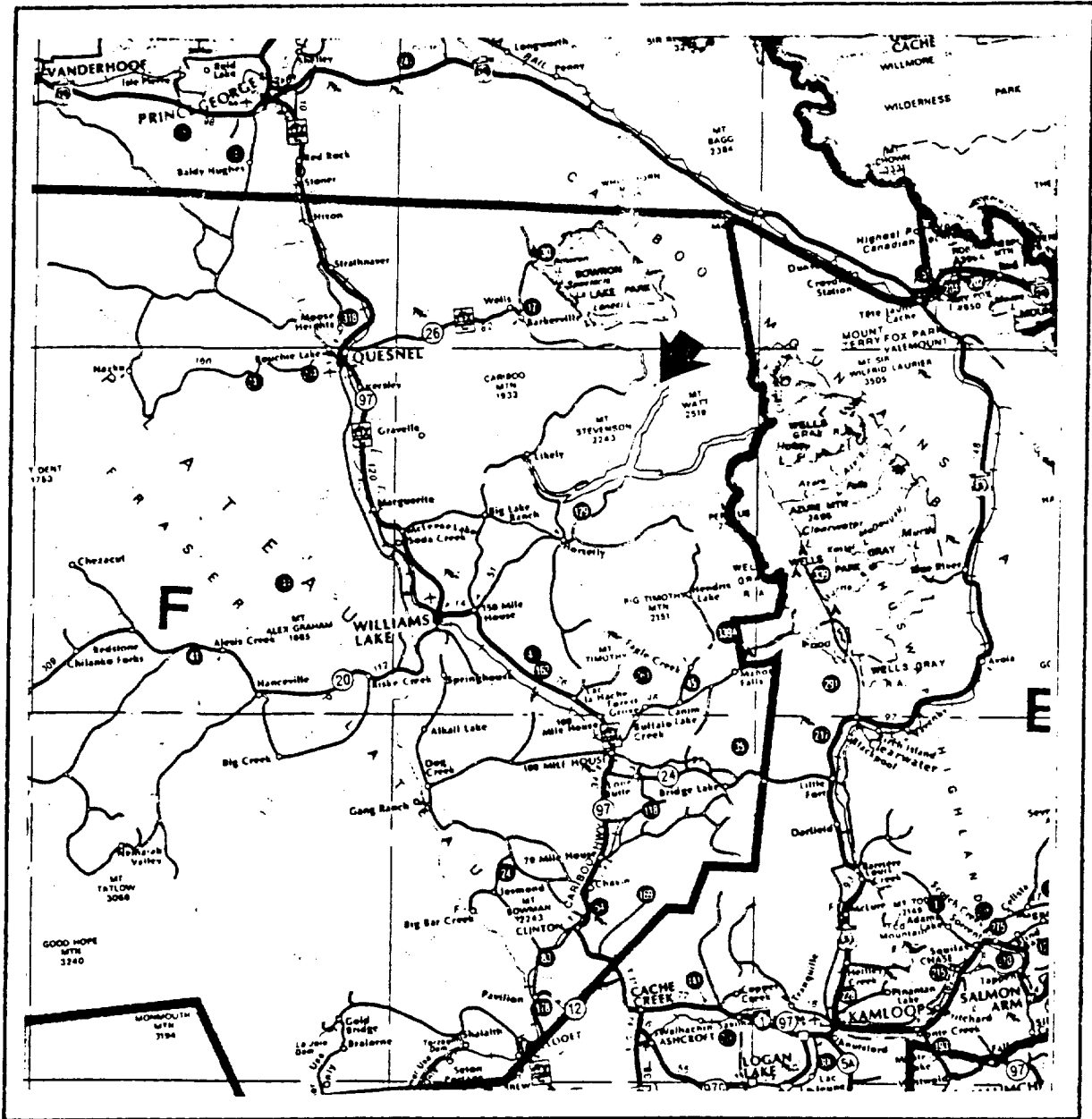
The program was conducted on behalf of Golden Kootenay Resources Inc. of Delta, B.C.

LOCATION AND ACCESS

The Grizzly Lake Zn-Pb property is located 65 airmiles (105 km) east-southeast of Quesnel, B.C. and northeast of Williams Lake, B.C., respectively. The claim area may be located at latitude 52° 48' N. and 120° 58' W. (U.T.M. Grid Coordinates approx. 5855000N, 637000E) on NTS maps 93A/14E, 15W.

Access to the property is provided by travelling to the northeast of the Town of Likely, B.C. for 39 miles (65 km) on a good gravel surfaced logging road (Weldwood 8400 Road) which also provides access to the historical mining towns of Barkerville and Wells, British Columbia.

The entire property is afforded road access from the 8400 road by travelling 8 km east or 3 km west on mining property roads.



FAIRLANE TRANSPORTATION INC.

GRIZZLY LAKE PROJECT
SITE LOCATION MAP

N.T.S. 93A-15

CARIBOO, M.D., B.C.

0 50 100 150 KM.

SCALE: AS SHOWN

DATE: DEC. 1995

DRAWN BY: J. M.

FIGURE NO. 2



PROPERTY AND OWNERSHIP

The Grizzly Lake Zn-Pb property consists of 7 - 4 post claims and 12 - 2 post claims for a total 148 contiguous units which are listed as follows:

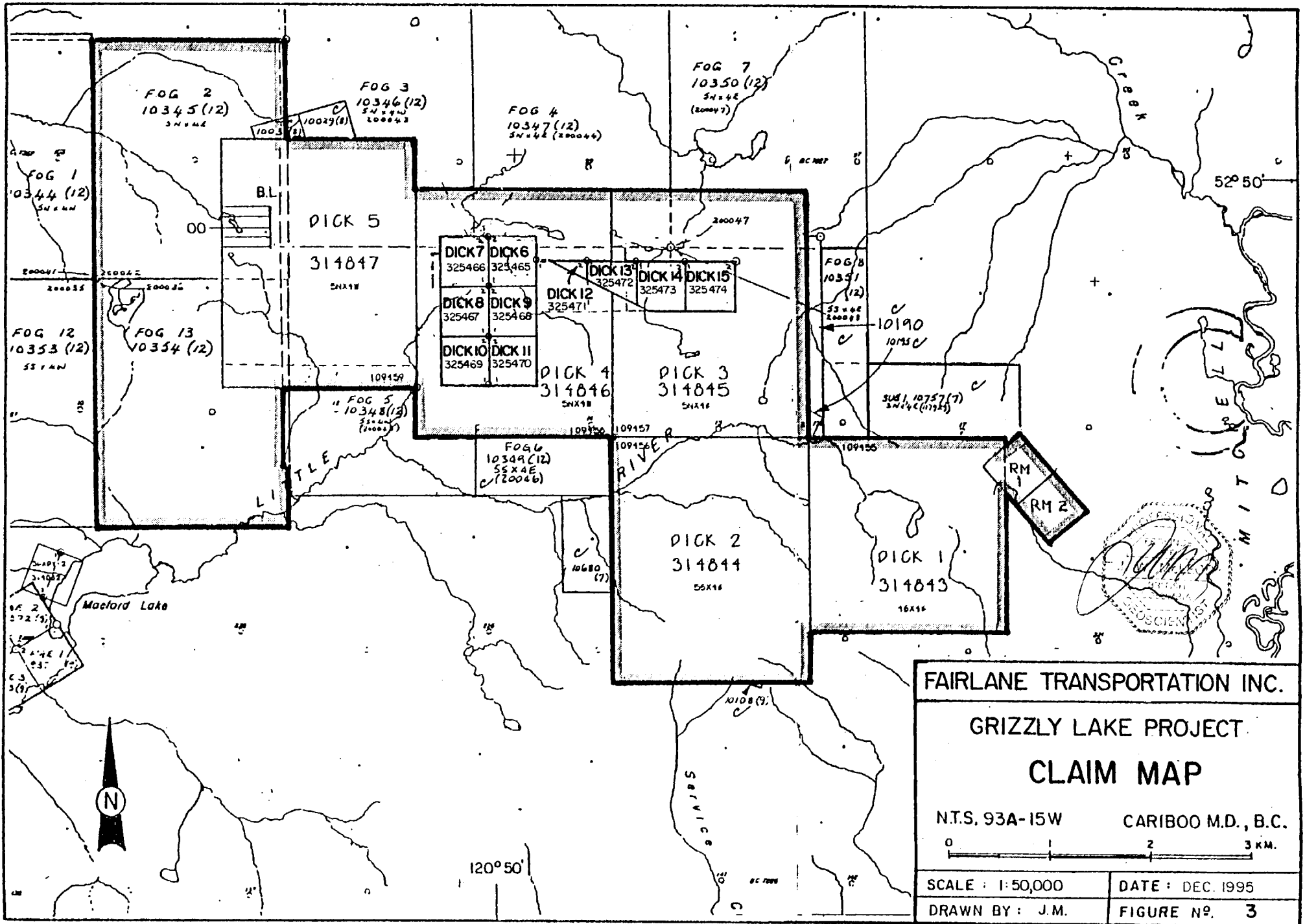
Claim Name	No. of Units	Record No.	Anniversary Date
Fog 2	20	206699	December 12
Fog 13	20	206708	December 12
Dick 1	16	314843	November 13
Dick 2	20	314844	November 14
Dick 3	20	314845	November 14
Dick 4	20	314846	November 14
Dick 5	20	314847	November 14
Dick 6-15	10	325465-74	May 12
RM 1	1	320919	September 10
RM 2	1	320920	September 10
TOTAL	148		

The claim area totals approximately 8,625 acres (3,450 hectares). The claims are owned 100% by Golden Kootenay Resources Inc. of Delta, B.C.

TOPOGRAPHICAL AND PHYSICAL ENVIRONMENT

The property lies in the sub-alpine biotic zone in the Quesnel Highlands on the east side of the Interior Plateau. The claim area is open, sparse conifer covered by spruce and pine with much of the area covered by buck brush and grasses. The property may be described as more of a mountainous plateau lying above and to the northwest of the north-arm of Quesnel Lake. The property lies in moderately steep mountainous terrain and ranges in elevation from 4,200 to 6,000 feet (1,280 to 1,830 metres) mean sea level.

The property area generally experiences a cool, wet climate with approximately 35 inches (90 cm) of annual precipitation of which 30%-40% may occur as snow.



HISTORY

The Grizzly Lake Zn-Pb property historical events are listed as follows:

Year	Company	Work Performed and Results	Cost-Present Value (est.)
1969	Canex Aerial Explorations Ltd. (now Placer Dome)	Silting creek draining into North-Arm Quesnel Lake, got high base metal values, follow-up soils reveal anomalous values. No EM response.	\$60,000
1972	Canadian Superior Explorations	Extend Canex work to west and outline several IP, EM, soil and Zn-Pb anomalies. Drill helicoptered in - three scout holes completed for 1,157 feet. Two holes test soil anomaly - one cuts 60 feet of 0.6% Zn and 400 ppm Pb. Third hole - IP anomaly, only encounters weak Zn-Pb and pyrite-pyrrhotite in argillaceous phyllite.	\$100,000
1969-1972	Cream Silver and Morocco Mines?	Performed some geochemistry and hand trenching in Zn-Pb mineralization in the DeBasher Lake area. And Drilled 4 holes totalling 1,968' (600 m) near Flipper Ck. (Center Grid area), scattered core indicates predominance of phyllitic-argillaceous carbonates.	\$100,000
1989	R.E. Mickle	Prospected, "Zinc-Zapped" 10 km. long, northwest trending carbonate-hosted zinc trend. Galena was found to occur with many of the 65+ discovered showings with sphalerite and smithsonite. Many of the mineralized areas were found to be areally extensive by mechanized stripping.	\$25,000
1989	James J. McDougall, P.Eng.	Recognized pervasive and widespread Zn-Pb mineralization. Arranged Winston Management-Mickle option. Winston Management-T.S.A. Explorations Ltd. Option transfer.	N/A
1989-1990	T.S.A.-Teck Corporation joint venture on R.E. Mickle claims	Teck assumes initial management and funding and undertakes large grid installation, soil and rock geochemistry, rock trenching and stripping, geological mapping, limited VLF-EM, four shallow Winkie drill holes and completes a reclamation program.	\$400,000
1990	Richard Lonsdale as Cariboo Highland Metals (CHM)	Option on former Canex and Canadian Superior ground where shallow trenching reveals numerous Zn-Pb occurrences.	N/A
1992-1993	CHM-Golden Kootenay Resources Inc. joint venture	Larger land position acquired and VLF-EM orientation survey undertaken. Detailed VLF-EM and Magnetometer surveys undertaken over three main areas on re-done Teck grid (West-Center-East). Results provide what is thought to be a reliable outline of the underlying structure and certain patterns related to geology and mineralization.	\$89,000
1994	Golden Kootenay Resources Inc. (GKK) acquires 100% interest in Grizzly Lake Zn-Pb property	The property undergoes considerable road rehabilitation. Rock trenching and a three hole diamond core drill program tests the down-dip extension of a large area of surface Zn-Pb mineralization and it's VLF-EM and magnetometer expression. The Main zone (Center Grid area) is drilled to test for a north-northeast dip to the large surface mineralized area, two holes confirm that it does not dip in this direction, i.e. not in the same direction as the zone confirmed by DDH 94-1.	\$142,000



FAIRLANE TRANSPORTATION INC.

GRIZZLY LAKE PROJECT REGIONAL GEOLOGY

MÆFORD, QUESNEL LAKES AREA
N.T.S. 93A-15W CARIBOO M.D., BC

0 1 2 3 KM

SCALE: 1:50,000

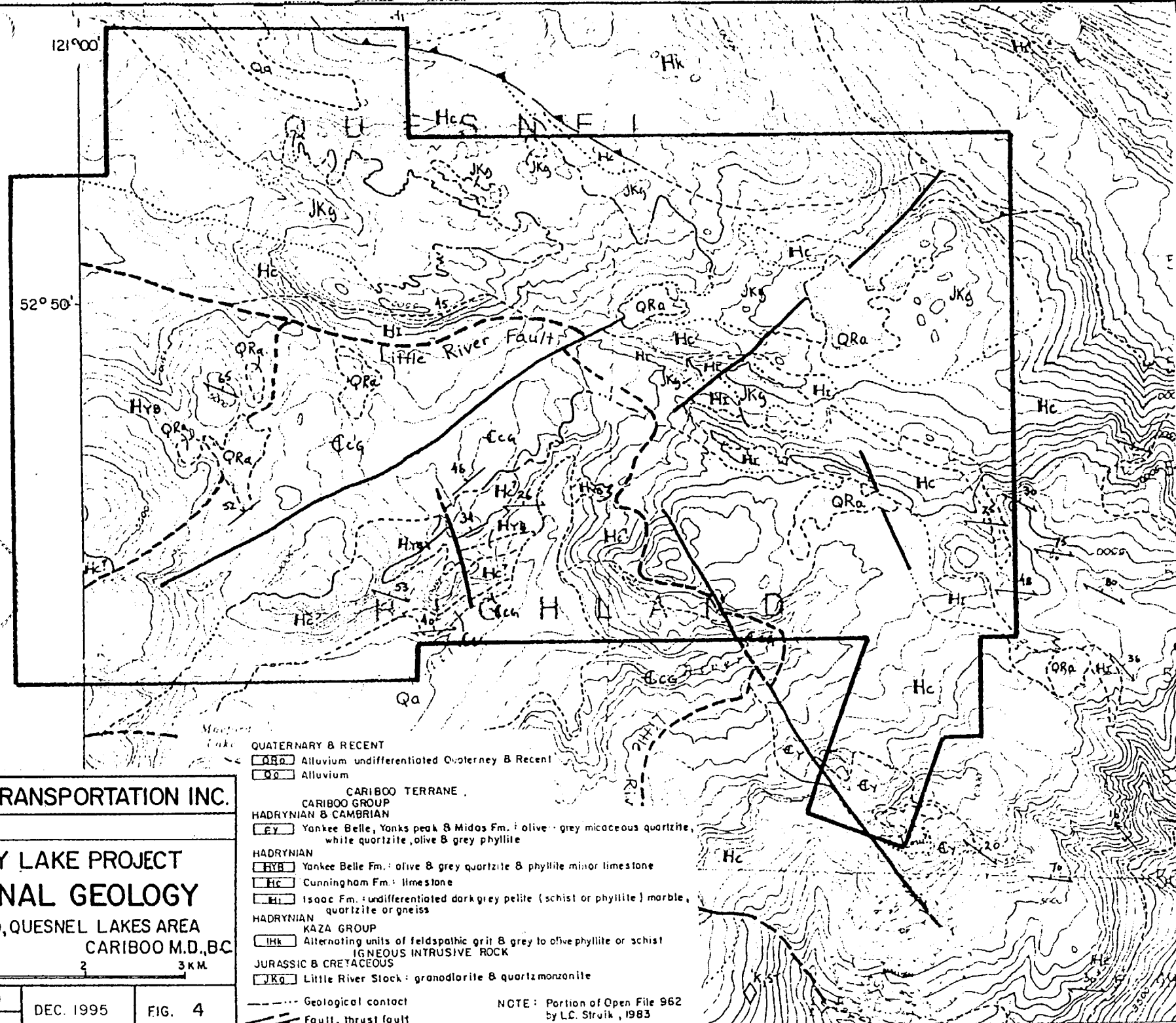
DEC. 1995

FIG. 4

- QUATERNARY & RECENT**
- Qra** Alluvium undifferentiated Oculterney B Recent
 - Qa** Alluvium
- CARIBOO TERRANE,
CARIBOO GROUP
HADRYNIAN & CAMBRIAN**
- Ey** Yankee Belle, Yanks peak & Midas Fm. : olive - grey micaceous quartzite, white quartzite, olive & grey phyllite
- HADRYNIAN**
- Hyb** Yankee Belle Fm. : olive & grey quartzite & phyllite minor limestone
 - Hc** Cunningham Fm. : limestone
 - Hi** Isaac Fm. : undifferentiated dark grey pelite (schist or phyllite) marble, quartzite or gneiss
- HADRYNIAN
KAZA GROUP**
- Ihk** Alternating units of feldspathic grit & grey to olive phyllite or schist
- IGNEOUS INTRUSIVE ROCK**
- JURASSIC & CRETACEOUS**
- Jkg** Little River Stock : granodiorite & quartzmonzonite

- Geological contact
- Fault, thrust fault

NOTE: Portion of Open File 962
by L.C. Struik, 1983



The writer estimates that to the end of June 1995 a minimum of \$916,000 has been spent exploring what is now the Grizzly Lake Zn-Pb property.

REGIONAL GEOLOGY

The regional geological setting of the area has been described by a number of parties (see References). Generally the area with which we are concerned lies immediately east of the Quesnel Trough and is underlain by northwesterly trending stratified rocks of Hadryrian (upper Proterozoic)-Cambrian (sediments) to Permian-Triassic (mainly clastics) age which are referred to as Cariboo Terrane. The succession consists of grit, pelites, marble, quartzite, limestone, phyllite and shale. The lower portion of this succession which hosts the Grizzly Lake Zn-Pb property consists of the lower Isaac Formation and the upper Cunningham Formation which are gradational at the contact and which exhibits an interfingering (facies change) pattern. Intrusive activity is evident regionally as Jurassic and Cretaceous intrusives of granodiorite and quartz monzonite which are referred to locally as the Little River stocks.

PROPERTY GEOLOGY

The property is generally seen to be underlain by a thick carbonate succession which is locally seen to trend in two general directions. The westside of the property (West Grid area) exhibits a northeast trending and most often northerly dipping series of carbonates and phyllites. The central and eastside of the claims (Center and East Grid areas) are underlain by a northwesterly trending and northerly dipping, thicker series of carbonates and phyllites. In both cases the carbonate - phyllite relationship appears to be in places of an interfingered nature which suggests various facies fronts. The carbonates are divisible visually into a number of limestone-dolomite units on the basis of estimated purity and fracturing or brecciation and a quesstimate of the calcium-magnesium ratio from the

abundant induction coupled plasma (ICP) analyses, if that is possible. Further, it may be that the structurally prepared (increase in porosity), altered (dolomitized) and mineralized (zinc and lead) zones, generally with accompanying silicification are confined to the Isaac Formation and occurs as a result of classical replacement related to a close-at-hand hydrothermal source, such as the locally observed Little River stocks. At any rate there appears to be a controlling influence of the proximity between the dolomite-phyllite units to the strength of mineralization, particularly zinc-lead sulphide mineralization. These relationships appear essential to seeking economic concentrations of zinc-lead (sulphides) and to aid in the search, how one sets-up say a gravity survey.

Structural preparation, such as folding, fracturing and faulting, is probably due to regional crustal movement and local intrusive activity which afforded the style of alteration and mineralization observed at the Grizzly Lake Zn-Pb property. The mineralization including smithsonite and cerussite being the carbonates of zinc and lead, respectively and limonite which was observed in a number of sections in DDH 94-2 are thought to be secondary in origin. The writer wonders at their extremely widespread occurrences and the very low iron sulphide content of the Zn-Pb mineralized section of DDH 94-1 from 209' to 303' (EOH). Also, the high iron sulphide content, as pyrite and pyrrhotite in the thick (140 foot) core section of DDH 94-1 between 65' and 205' within the talc phyllite which overlies (as a hangingwall zone?) the Zn-Pb anomalous section. This entire section of mineralized phyllite (Fe-sulphide-rich) and silicified dolomite breccia (Zn-Pb sulphide-rich) may represent sort of a typical metasomatic altered (magnesium added) zone.

There appears to be some relationship between the phyllite-carbonate contact which under certain structural conditions affords the proper setting for hydrothermal replacement mineralization.

PRESENT WORK PROGRAM

During the period September 20 - October 16, 1995 the writer supervised a fieldwork program on the Grizzly Lake Zn-Pb property situated in east-central British Columbia in the Cariboo Mining Division. The fieldwork program included property road rehabilitation, site preparation, drilling three (3) AQ-wireline diamond core drill holes (DDH 95 1-3) and cleaning-up most of the old Slater claim (building stone) shipping site and trailer camp which had been in years past caved-in by heavy snow fall.

The current drilling program comprised three holes, the particulars of which are listed as follows:

Hole No.	Grid Location	Azimuth	Dip	Length m. (Ft.)
95-1	L76+00E-99+50N	N025°	-50°	82.0 (269)
95-2	L77+00E-99+75N	N025°	-50°	85.4 (280)
95-3	L118+00E-112+00N	N240°	-45°	96.0 (315)
TOTAL				263.4 (864)

The drill core was logged (see Appendix I) and 24 core samples were analysed by ICP and 5 by gold fire assay at the Acme Analytical Laboratories Ltd. In Vancouver, B.C. (see Appendix II). The drill core was boxed and taken to Delta, B.C. for storage.

CONCLUSIONS

The 1995 drilling program was conducted in two separate areas, namely the De Basher zone in the West Grid area (DDH 95-1&2) and north of the Center Grid area along the 8400 road (DDH 95-3).

For drill hole locations see Figure 7. The drill logs and schematic cross sections, as well as, the geochemical analyses and assays are found in the Appendices at the back of this report.

All three holes were drilled in areas of known surface mineralization, Holes 1&2 were drilled under anomalous Zn-Pb mineralized rock-cuts or trenches and Hole 3 was drilled into the exposed intrusive containing an abundance of quartz veins or welded fractures where a low gold assay was obtained some time ago. Neither of the areas exhibited favourable VLF-EM nor magnetometer patterns, but it was determined that drill testing would be undertaken to gain geological information about the various areas and there was always the chance that down dip extension of the surface zones may have been encountered.

The drilling in the West Grid area revealed a number of features which are listed as follows:

- 1) The drill sections show that the interlayered carbonates and phyllites are thin in the carbonate sections which may indicate facies changes.
- 2) The carbonate beds or layers are more discontinuous and "dirty", containing more impurities such as graphite, as well as, a reddish garnet and skarny zones which may indicate being closer to the basement or underlying intrusives.

- 3) The structural preparation and subsequent dolomitization of the limestone beds does not seem to have taken place, such as in the DDH 94-1 area.
- 4) The erosional level in this area may be much lower than the Center-East Grid areas because of faulting.
- 5) The geophysical response from the 1993 surveys indicate a weakness of response and a difficulty in obtaining correlatable patterns with the VLF-EM. The magnetometer may detect a fairly close-at-hand intrusive centered in the L85+00E - 102+50N area (see Figure 6 and References).
- 6) The geological setting may not be favourable in this area for the development of sufficiently large Zn-Pb deposits.

DDH 95-3 which was drilled in the Center Grid area along the 8400 road reveals an inter-fingering fine-medium grained granodiorite intrusive into the older overlying sediments. The intrusive and sediments which in this instance are fairly thin dipping beds do not appear to have to have undergone extensive alteration except for silicification to a gneissic-textured thin contact zone with very minor sericitization.

Mineralization observed was as disseminated pyrite and pyrrhotite in quartz veinlets mainly within the narrow contact zones.

While the current drilling program did not encounter anomalous base or precious metal values it is the writers' belief that the geological information gained will be important in choosing areas with more potential for hosting concentrations of Zn-Pb mineralization. It is for these reasons that the following outlined program is recommended.

RECOMMENDATIONS

A two phase program is recommended for the Grizzly Lake Zn-Pb property. The first phase should consist of a gravity survey over portions of the existing grid, with the appropriate rehabilitation. Core drill testing of any indicated shallow depth priority anomalies will be undertaken. A Phase II program of detailed drilling will be undertaken contingent upon the results obtained from Phase I. The Phase I program is expected to take two months to complete at an estimated cost of \$200,000.

COST ESTIMATE

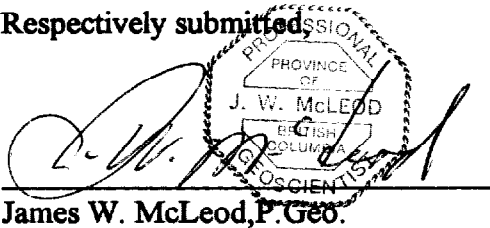
Phase I

Geology and supervision	\$ 6,000
Gravity survey	
- 45 km @ 15 m spacing (or 90 km (approx) @ 30 m spacing)	75,000
Scout core drilling - 500 m @ \$140/m (contract - all inclusive)	70,000
Transportation - 4x4 and 4 Trac, including fuel	5,000
Camp and board - 75 mandays @ \$80/manday	6,000
Maps and reports	2,000
Insurance, WCB, licences, fees and permits	7,000
Assays and analyses	<u>7,000</u>
Subtotal	\$ 178,000
Contingency @ 12%	<u>22,000</u>
Total Phase I	<u>\$ 200,000</u>

Phase II

Geology and supervision	\$ 10,000
Drilling - 3000 m diamond core @ \$138/m, all inclusive	414,000
Assays and analyses	11,000
Licences, fees and insurance	6,000
Transportation - 4x4 and 4 Trac, including fuel	7,000
Camp and board - 60 mandays @ \$78/manday	4,800
Maps and reports	<u>2,000</u>
Subtotal	\$ 455,000
Contingency @ 10%	<u>45,000</u>
Total Phase II	<u>\$ 500,000</u>
Total Phase I and Phase II	<u>\$ 700,000</u>

Respectively submitted,



James W. McLeod, P. Geo.

January 30, 1996

STATEMENT OF COSTS


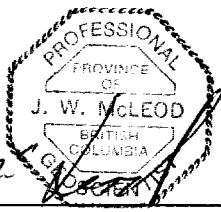
Geology and supervision	\$ 6,300
Drilling contract @ \$100/metre	26,341
Camp and board - 91 mandays @ \$80/manday	7,280
Transportation	
1 - 4x4 pickup @ \$25/day & 1,200 @ .25/km	975
1 - 1 ton flatdeck truck @ \$40/day	1,080
1 - 1 ton van @ \$25/day & 1,000 @ .25/km	500
Trailer @ \$20/day for 10 days	200
Fuel	573
Equipment rental, i.e. generator, rocksaw, chainsaw	2,430
Licenses, fees, etc.	1,880
Assays	326
Reports and maps	<u>2,115</u>
TOTAL	<u>\$ 50,000</u>

CERTIFICATE

I, **JAMES W. McLEOD**, of the Municipality of Delta, Province of British Columbia, hereby certify as follows:

1. I am a Consulting Geologist with an office at #203, 1318 - 56th Street, Delta, B.C. V4L 2A4.
2. I am a Professional Geoscientist registered in the Province of British Columbia and a Fellow of the Geological Association of Canada.
3. I graduated with a degree of Bachelor of Science, Major in Geology, from the University of British Columbia in 1969.
4. I have practised my profession since 1969.
5. The above report is based on personal field experience.

DATED at Delta, Province of British Columbia this 30th day of January, 1996.

James W. McLeod, P. Geo.
Consulting Geologist

REFERENCES

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APPENDICES

Appendix I - Drill Core Logs and Sections

Appendix II - Geochemical Analyses and Assays
(Selected Sections of Drill Core)

APPENDIX I

Drill Core Logs and Sections

DRILL CORE LOG

Company: Golden Kootenay Resources Inc.
 Project: Grizzly Lake Zn-Pb
 Area: Cariboo Mining Division, B.C.
 Date: January 31, 1995

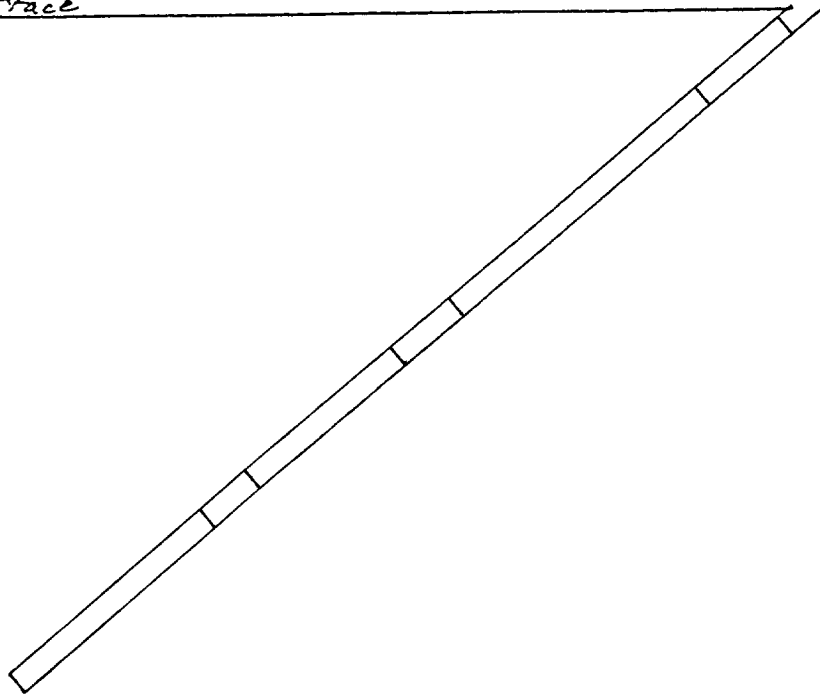
Hole No.: DDH 95-1
 Location: L76+00E-99+50N
 Azimuth: N025
 Dip: 50
 Total depth: 269'
 Core Type: AQ-wireline

i)

Sample No.	DESCRIPTION	TYPE OF Sa.	WIDTH Feet	Notebook Ref.	Recovery				
0-11	Casing.			IVb					
11-22	Buttons of white, silic. dolo. breccia	Core	Sa 11-12.5 Sa 19-23		70				
23-34	Grey-wh. dolo. breccia				70				
34-39	Grey-wh. dolo. or lms. @ 36'-39' diss. py		Sa 34'-37'		90				
39-60	Phyllite, some l. grey - some blk (not graph. c, some py.		Sa. 66'-69	V	80				
60-102	Phyllite - blk argillaceous, Many qtz stringers in places. Marcasite? on foliation planes.		Sa. 90-92 Sa 84-86 Sa 94-96		90				
102-123	Talcyl l. grey - green phyllite Some minor gouge.		Sa 110-112		50				
123-142	Blk - graphite schist & qtz veinlets & py. @ 128-130.		Sa 128-130		60				
142-184	Grey dolomite (silic.) breccia &		Sa 185-187	IVb	80				
- 193.5	minor pyrite @ 184-193.5 abund. "bull" qtz & greenish stain on fractures "like fl't at surface in vicinity of L86+00E-102+00N on rd								
193.5-208	Bl. arg. n.x (graph. on fract's), silic. + 2' qtz v. @ 200-202		Sa 200-202		80%				
208-269 E0H	Foliated, limey n.x, blk fract. face. ^{Laminar} 0.5-5mm		Sa 267-269	IVb & VI	90%	(269) E0H			

DDH 95-1
 Azim. - N026°
 Dip - 50°
 Loc'n - L76+00E
 99+50N

Surface



Casing
 Dolomite
 (I)
 Phyllite
 (I)
 Graphitic Schist
 (I)
 Dolomite
 (I)
 Graphitic Schist
 (I)
 Siliceous Argillite
 (I)
 -E.O.H.

Legend

- YB - Yankee Belle Fm - Shales, Locally quartzite, phyllite & limestone.
- C - Cunningham Fm - Lms, banded grey to white, massive grey to pink
- I - Isaac Fm - Argillaceous sequence of pelites, phyllite and lms - dolomite.
- K - Kaga Grp - feld-grit, phyllite or schist
- LR - Little River Stock - Jn-Cret. intrusive rocks.

Lower Cambrian or Halcyonian



Figure 8

Grizzly Lake In-Pb Project
 Cariboo, M.B.C. Maps 93A 14E15W

Schematic Cross Section,
 DDH 95-1

0 Feet 80

DRILL CORE LOG

Company: Golden Kootenay Resources Inc.
Project: Grizzly Lake Zn-Pb
Area: Cariboo Mining Division, B.C.
Date: January, 1995

Hole No.: DDH 95-2
Location: L77+00E-99+75N
Azimuth: N025
Dip: 50
Total depth: 280'
Core Type: AQ-wireline

ia)

Sample No.	DESCRIPTION	TYPE OF Sa.	Width Feet	Notebook Ref.	Recovery				
0-10.5	Casing.	Core		I					
10.5-12	Mix of cream colour limestone + dk grey lins and dk grey f. gr. phyllite. Some q'tz veins + py				60 (rubble)				
12-16	Buttons of grey, limy phyllite.				40				
16-24	Grey (dk) limy, talcy phyllite.				10				
24-26	" " " "				70				
26-30	" " " "				70				
30-35	" " " "				20				
35-36	" " " "				40				
36-40	Same - dk. grey phyllite + increase in talc, less Co ₃				75				
40-60	Same - dk grey, talcy phyllite, generally interlayer (limy) and talc on Bd planes? Alternating light-dk layers - 30°-40° to core axis (c.a.)			IB "	95				
60-62	Solid "bull" q'tz vein				100				
62-73	Same l-d layered phyllite, diss. cubic py + some Bd? on fol'n plane + around diss. pu. (through 73')				100				

DRILL CORE LOG

Company:
Project:
Area:
Date:

Hole No.: DDH 95-2
Location:
Azimuth:
Dip:
Total depth:
Core Type:

ii b)

Sample No.	DESCRIPTION	TYPE OF Sa.	Width Feet	Notebook Ref.	Recovery				
73-96	Dirty (graphitic) limestone, graph. on fol'n plane @ 20° to c.a. \bar{c} ground-up pyrite, "brecciated dirty l'ns".	Core		II	100				
96-118	Grey-white laminated lms \bar{c} graphite on fol'n Pl. Diss. cubic py throughout. Fol'n 10°-25° to c.a. \bar{c} Some q'tz stiq 0.5-5.0 cm. Plus magnetic pyrrhotite (Po) blebs.				100				
118-141	Fine gr. - some "micro" folds of grey, limy schistose laminated rock \bar{c} diss. 0.5 m.m. - 1.0 m.m cubes of py- \bar{c} q'tz reinlets 25°-30° to c.a. Much dk laminae may be chlorite - talc - graphite - layers are diffused.			IIb	95				
141-167.5	Talc, l. br'n, minor q'tz v. 45° to c.a. "dirty".				95+				

DRILL CORE LOG

Company:
Project:
Area:
Date:

Hole No.: DDH 95-2
Location:
Azimuth:
Dip:
Total depth:
Core Type:

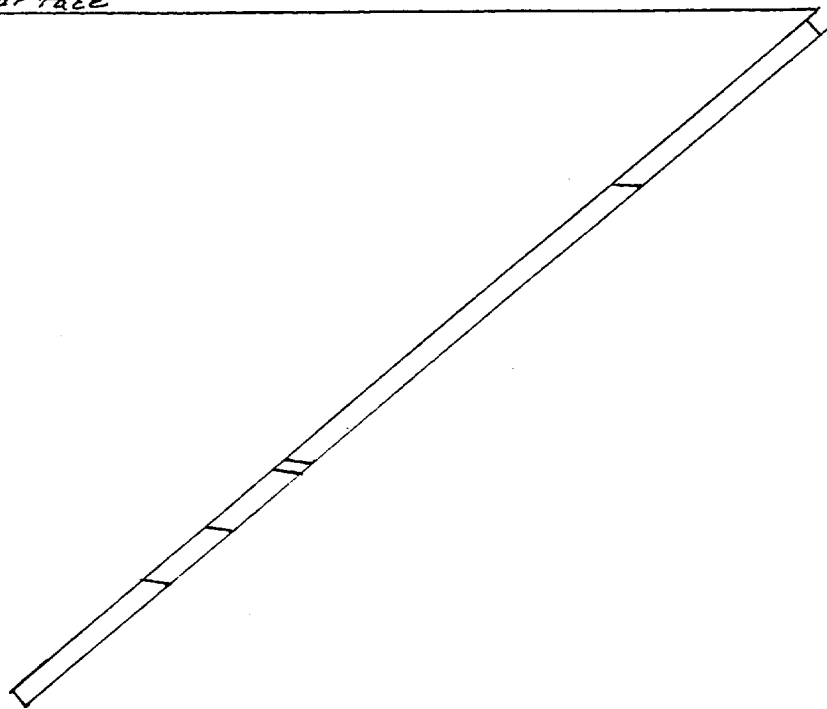
icc)

Sample No.	DESCRIPTION	TYPE of Sa.	WIDTH Feet	Notebook Ref.	Recovery			
164.5-188	Limey, lamin. phyllite or schist to 170, then transition zone to 180-82', then start 180 "red- bin garnet zone". Still diss. py	Core	Sa 184-188	III	95			
188-210	Coarser gr. schist & red-pink garnet "eyes". Qtz. at 206' 5cm & Po			III b	95			
210-280 EoH	DK grey-fgr. lamin. schist & minor q'tz to 2cm. + chlorite- some reddish garnet and Po in fol'n @ 229' po. Minor graph. on slips or fol'n PL. @ low angle to c.a. Fol'n on Bd? PL. 45° to c.a. Some q'tz string to 2cm in Bd Some talc in fract. Po in acnt. core & py. white material on fract & X-slip and "steps" - $H > 3 < 5.5(5)$ @ 265' blk-wh. alter. lamin. Still py in fol'n (25° to c.a.), but no po		Sa 229	III b, IV # IV b	95			(280)EoH

DDH 95-2

Asim. - N025°
DIP - 50°
Loc'n - L77+00E
99+75N

Surface



Casing

Phyllite - limy

(A)

Limestone - graphitic

(C)

Garnet Schist

Schist - some py & po

Dark, Fine grain schist

Schist - some py & po.

E.O.H.

Legend

- YB - Yankee Belle Fm - Shales, Locally quartzite, phyllite & limestone.
- C - Cunningham Fm - Lims, banded grey to white, massive grey to pink
- E - Isaac Fm - Argillaceous sequence of pelites, phyllite and lims - dolomite.
- K - Kaga Grp - feld-quartz, phyllite or schist
- LR - Little River Stock - Intr. Cret. intrusive rocks.

Lower Cambrian or Paleozoic

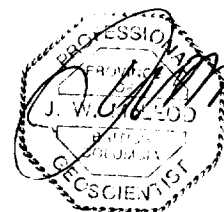


Figure 9

Grizzly Lake In-Pb Project
Cariboo, M.B.C. Maps 93A 14E15W

Schematic Cross Section,
DDH 95-2

0 Feet 80

DRILL CORE LOG

Company: Golden Kootenay Resources Inc.
Project: Grizzly Lake Zn-Pb
Area: Cariboo Mining Division, B.C.
Date: January, 1995

Hole No.: DDH 95-3 iiia)
Location: L118+00E-112+00N
Azimuth: N240
Dip: 45
Total depth: 315'
Core Type: AQ-wireline

Sample No.	DESCRIPTION	TYPE of Sa.	WIDTH	Notebook Ref.					
0-8	Casing	Core		VI.b					
8-131	Granodiorite, intrusive with the following:		Sa 37-38.6		85-95				
			Sa 65-70						
	Q.v. 5" @ 33'		Sa 100-102						
	QV 20" @ 37'-38'8"		Sa 130						
	QV @ 52'-60'								
	QV @ 65'-69' @ py								
	QV @ 100'-102' @ minor ga.								
	QV. @ 105'-106.6'				100°				
131-135	Limsey skarn @ graph. on fract.s.		Micro Sa 130'		100				
135-150	Limsey r.x Bd 50° to c.a.				100				
150-191	Granodiorite intrusive @ 2cm. q.v. @ 168' - 65° to c.a.		Micro Sa 162'	VII	100				
			Sa 182-185						
191-194	Grey lims - very unalt. skarn			VIIb	100				
194-196	Granodiorite intrusive				100				
196-203	Grey limy, alter., lamina r.x				100				
203-208	Grey skarny r.x, no CO ₃ (Dob. 3)				100				
208-222	Grey (dark and light) dolomite		Micro Sa 216'		95				
	Contacts 50°-85° to c.a.		Sa 216	VIII	100				
222-242	Granodiorite intrusive - non-aug. some chlorite, skarn py. per. or		Sa 231		100				

DDH 95-3

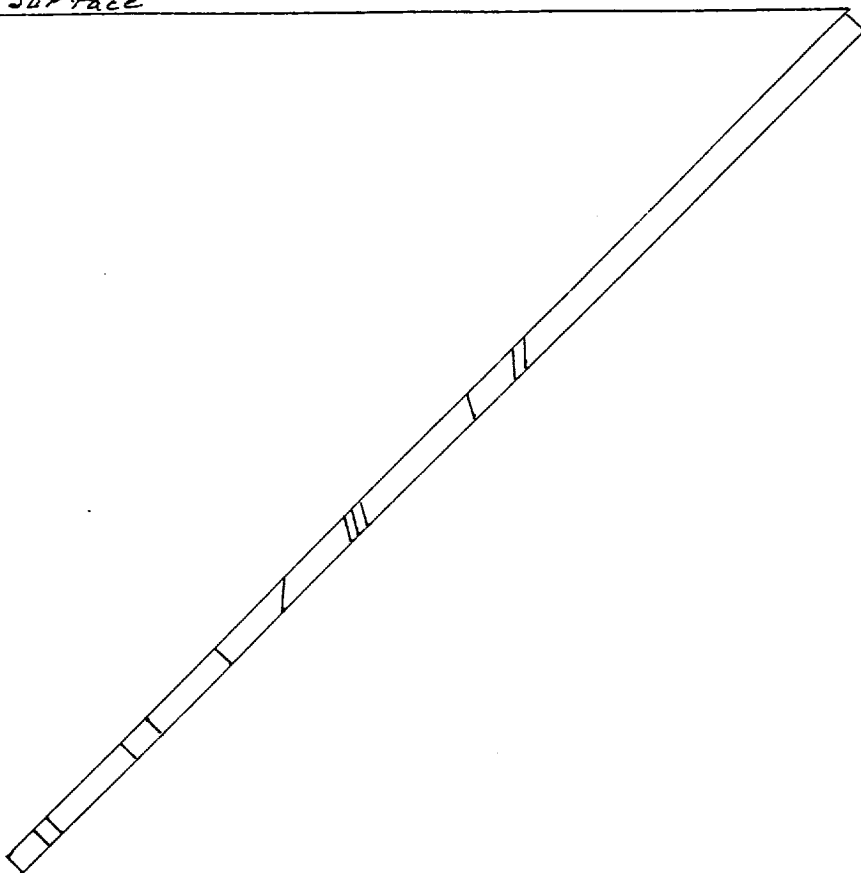
Azim. - N240°

Dip - 45°

Loc'n - L118+00E

112+00N

Surface



Casing

Granodiorite (G)

(LR)

~~CONTACT - gneissic~~

Limestone (L'm's) (C)

Granodiorite

(LR)

~~CONTACT - gneissic~~

Dolomite

(C)

G

(LR)

L'm's

(C)

G

(LR)

L'm's

(C)

G (LR)

~~CON L'm's (C)~~

Legend

- YB - Yankee Belle Fm - Shales, Locally quartzite, phyllite & limestone.
- C - Cunningham Fm. - L'm's, banded grey to white, massive grey to pink
- I - Isaac Fm - Argillaceous sequence of pelites, phyllite and l'm's - dolomite.
- K - Kaga Gr'p - feld-quartz, phyllite or schist
- LR - Little River Stock - Intr. Cret. intrusive rocks.

Lower Cambrian or Halcyonian

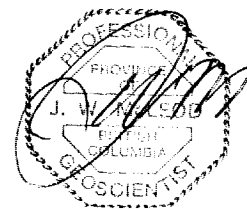


Figure 10

Grizzly Lake Zn-Pb Project
Cariboo, M.B.C. Maps 93A 114E15W

Schematic Cross Section,
DDH 95-3

0 Feet 80

APPENDIX II

Geochemical Analyses and Assays



GEOCHEMICAL ANALYSIS CERTIFICATE



Jim McLeod File # 96-0122 Page 1

203 - 1318 - 56th St., Delta BC V4L 2A4

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
95-1 11-12.5	<1	<1	9	56	<.3	<1	<1	510	.27	3	<5	<2	20	111	<.2	<2	4	1	16.05	.008	1	1	10.67	56	<.01	<3	.02	.01	.02	<2
95-1 19-23	<1	<1	13	407	<.3	<1	<1	359	.38	<2	<5	<2	20	65	.4	<2	3	1	15.88	.018	3	1	10.22	31	<.01	<3	.04	.01	.03	<2
95-1 34-37	<1	<1	8	742	<.3	1	<1	1207	.79	<2	<5	<2	16	96	3.6	<2	4	1	19.91	.004	3	<1	7.23	8	<.01	<3	.03	.01	.02	<2
95-1 37-39	<1	<1	63	1372	<.3	3	2	1504	1.44	<2	<5	<2	20	155	4.6	<2	6	2	16.53	.014	5	2	8.39	28	<.01	<3	.13	.01	.05	<2
95-1 66-72	<1	21	36	117	<.3	33	15	1297	4.15	8	<5	<2	24	399	.7	<2	4	8	8.58	.016	11	19	1.57	32	<.01	<3	1.44	.02	.19	<2
95-1 84-86	<1	27	16	81	<.3	33	13	705	4.12	<2	<5	<2	20	211	.4	<2	<2	12	4.62	.016	21	28	1.19	25	.01	<3	2.14	.03	.28	<2
95-1 90-92	<1	14	18	55	<.3	23	10	881	3.32	<2	<5	<2	28	567	<.2	<2	11	9	10.75	.026	10	21	.96	40	.01	<3	1.64	.03	.28	<2
95-1 94-96	<1	18	5	74	<.3	33	14	426	4.16	<2	<5	<2	19	158	<.2	<2	6	12	3.47	.019	20	30	1.20	32	.01	<3	2.25	.03	.33	<2
95-1 110-112	1	8	21	537	<.3	37	15	239	4.59	<2	<5	<2	19	33	.9	<2	<2	16	1.06	.018	27	33	2.07	39	.01	<3	2.82	.04	.42	<2
95-1 128-130	<1	<1	116	44	<.3	2	<1	2906	.54	11	<5	<2	21	124	<.2	<2	3	1	17.02	.011	3	2	10.32	11	<.01	<3	.09	.01	.05	<2
RE 95-1 128-130	<1	<1	111	44	<.3	2	<1	2807	.51	<2	<5	<2	21	120	<.2	<2	8	1	16.59	.010	2	2	9.96	4	<.01	<3	.09	.01	.05	<2
RRE 95-1 128-130	<1	<1	84	41	<.3	4	<1	2912	.50	6	<5	<2	20	123	<.2	<2	6	1	17.22	.010	2	1	10.31	11	<.01	<3	.08	.01	.04	<2
95-1 185-187	1	14	20	47	<.3	21	6	379	2.38	13	<5	<2	11	172	<.2	<2	<2	4	3.09	.024	18	11	.91	19	<.01	<3	.55	.02	.18	<2
95-1 200-202	<1	<1	5	2	<.3	1	<1	208	.43	<2	<5	<2	13	2414	<.2	<2	4	<1	33.54	.009	5	<1	.61	17	<.01	<3	.06	<.01	.04	<2
95-1 267-269	<1	5	15	48	<.3	21	7	527	2.41	<2	<5	<2	28	1255	<.2	<2	13	8	16.58	.037	24	16	.67	28	.01	<3	1.15	.02	.22	<2
95-2 184-88	<1	32	18	110	<.3	55	21	492	5.52	3	<5	<2	22	390	.7	<2	6	36	4.54	.019	29	61	1.57	32	.03	<3	2.92	.06	.33	<2
95-2 229	1	71	12	88	<.3	53	20	347	4.86	<2	<5	<2	15	115	.5	<2	10	37	2.17	.035	24	60	1.49	37	.08	3	2.46	.13	.32	<2
95-3 216	<1	2	<3	12	<.3	10	2	95	.83	<2	<5	<2	14	1417	.3	<2	4	3	26.86	.024	4	7	.24	11	.04	<3	.35	.01	.19	<2
95-3 231	2	<1	15	21	<.3	9	1	422	1.36	<2	<5	<2	8	272	<.2	<2	4	5	2.02	.017	16	10	.14	92	.01	<3	.73	.11	.23	<2
95-3 304	<1	2	27	22	<.3	4	<1	148	.46	2	<5	<2	<2	86	<.2	<2	<2	1	.69	.008	1	4	.07	49	.03	<3	.40	.08	.13	<2
95-3 313	<1	<1	7	11	<.3	8	1	83	.78	<2	<5	<2	15	1575	<.2	<2	<2	<1	27.17	.016	8	3	.14	13	.04	<3	.23	.01	.10	<2
STANDARD C	22	51	36	129	5.7	72	32	1048	3.99	37	17	7	36	49	18.9	16	20	64	.49	.095	41	61	.91	193	.09	28	1.93	.06	.15	12

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: CORE Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 11 1996 DATE REPORT MAILED: Jan 16/96 SIGNED BY: D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



AAE ANALYTICAL

Jim McLeod FILE # 96-0122

Page 2

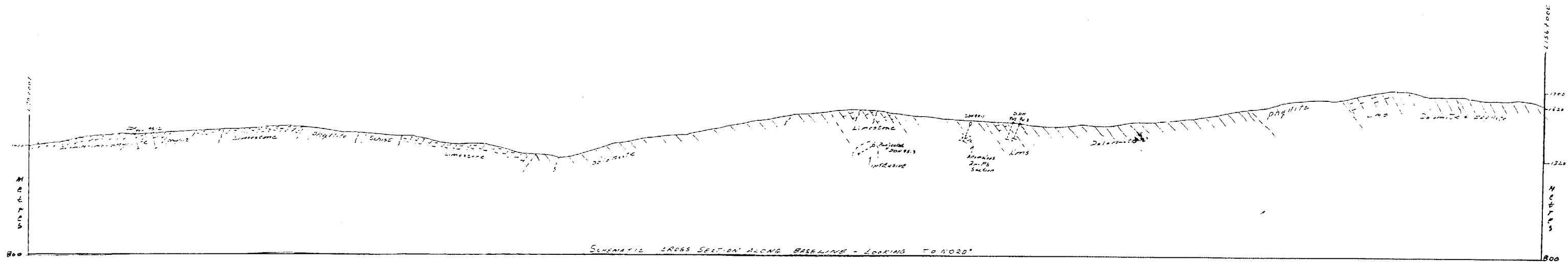


AAE ANALYTICAL

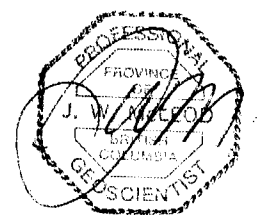
SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
95-3 37-38.6	5	<1	3	<1	<.3	9	<1	86	.33	<2	<5	<2	2	83	<.2	<2	<2	<1	1.09	.006	<1	13	.01	2	<.01	<3	.06	.04	.01	3	2
95-3 65-70	2	2	8	3	<.3	7	1	105	.86	<2	<5	<2	<2	55	<.2	<2	2	<1	.50	.002	2	8	.02	35	<.01	<3	.18	.04	.07	<2	<2
95-3 100-102	6	4	95	1	.9	10	<1	53	1.00	<2	<5	<2	<2	31	<.2	<2	<2	<1	.27	<.001	<1	14	<.01	6	<.01	<3	.08	.01	.01	3	<2
95-3 130	<1	1	5	15	<.3	12	3	110	.82	<2	<5	<2	14	1343	.5	<2	9	4	28.04	.019	5	9	.29	23	.06	<3	.52	<.01	.18	<2	<2
95-3 182-185	1	<1	10	23	<.3	6	<1	163	.73	<2	<5	<2	<2	89	<.2	<2	<2	5	.51	.008	1	6	.09	67	.03	<3	.44	.09	.13	<2	<2
RE 95-3 182-185	1	<1	5	23	<.3	5	<1	159	.74	<2	<5	<2	<2	98	<.2	<2	4	5	.51	.007	1	7	.10	83	.03	<3	.51	.12	.14	<2	<2

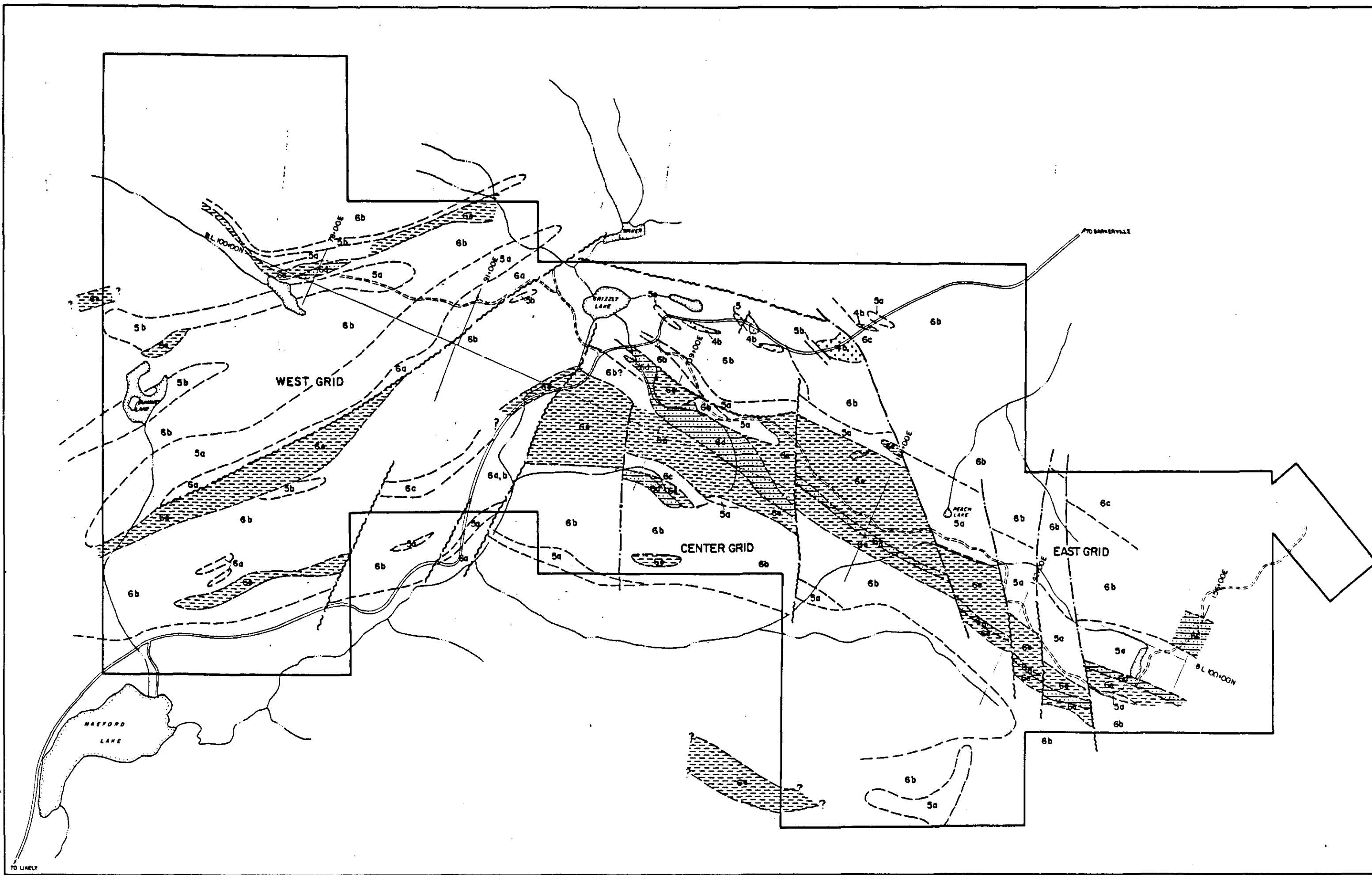
Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.



0 478 956
 Metres
 Scale 1: 21,400





LEGEND

- INTRUSIVES**
- 4b Granodiorite to monzonite with pyrite, porphyritic
- PELITIC**
- 5a Phyllite - usually silver green
- 5b Siltstone - usually greenish
- 5c Garnet muscovite schist
- CARBONATES**
- 6a Schistose muscovite limestone
- 6b Well banded grey & white limestone
- 6c Grey massive limestone
- 6a, b Lamy dolomite - mottled grey green usually broken or brecciated
- 6c Cream dolomite - fine grained, massive

- Contact
- - - Fault
- ... Air photo lineament



FAIRLANE TRANSPORTATION INC.

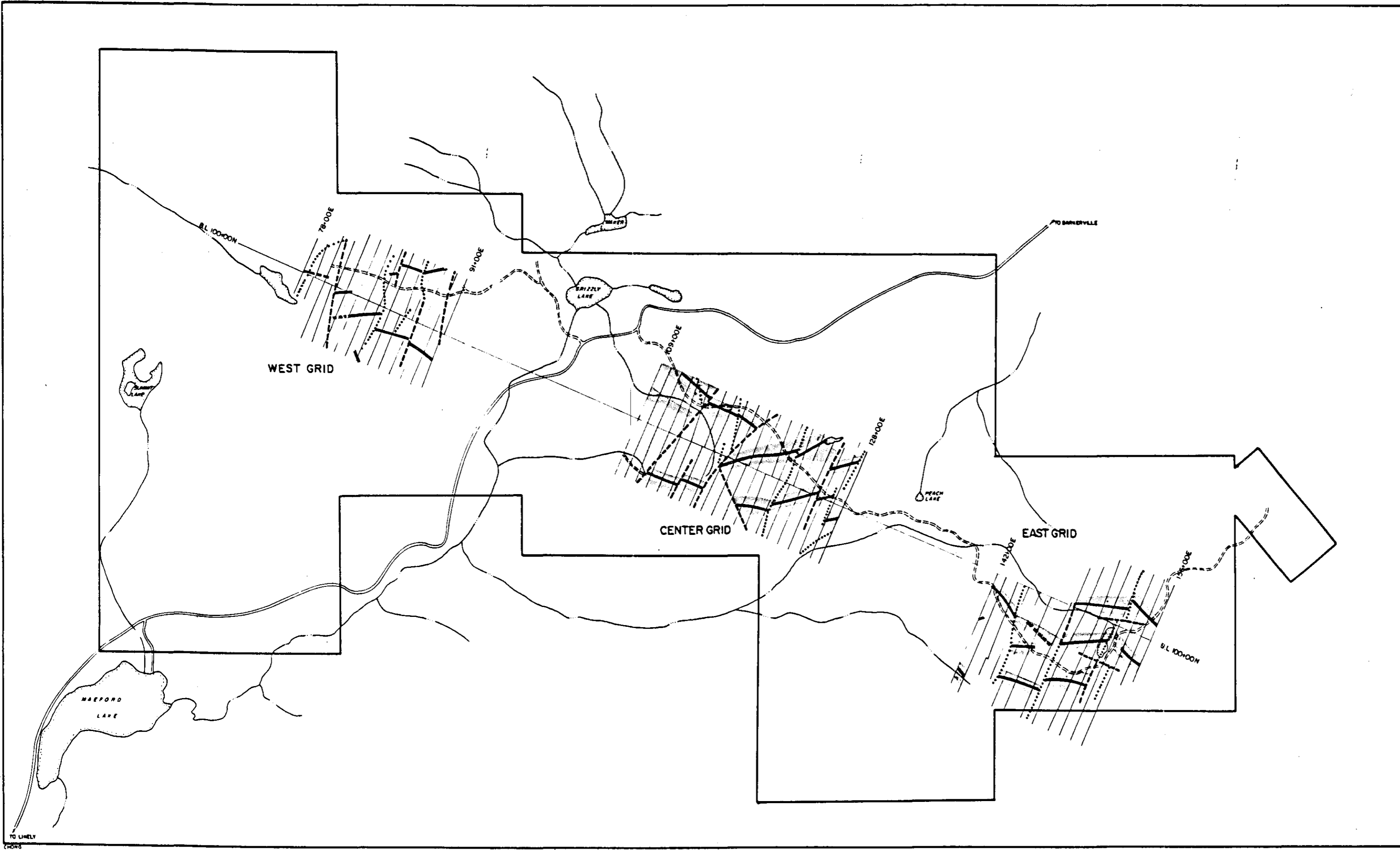
GRIZZLY LAKE PROJECT

GEOLOGY

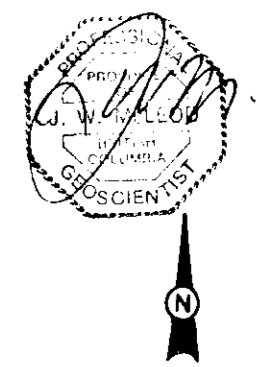
NTS. 93A-15 CARIBOO M.D., B.C.



SCALE 1:20,000 DATE DEC. 1995
 DRAWN BY J.W. MCLEOD FIGURE NO. 5



- LEGEND**
- CONDUCTOR
 - FAULT/ SHEAR ZONE - Annapolis
 - - - - - INTERPRETED FAULT
 - FAULT/ SHEAR ZONE - Seattle
 - ▨ SHEAR/ ALTERATION ZONE - Annapolis

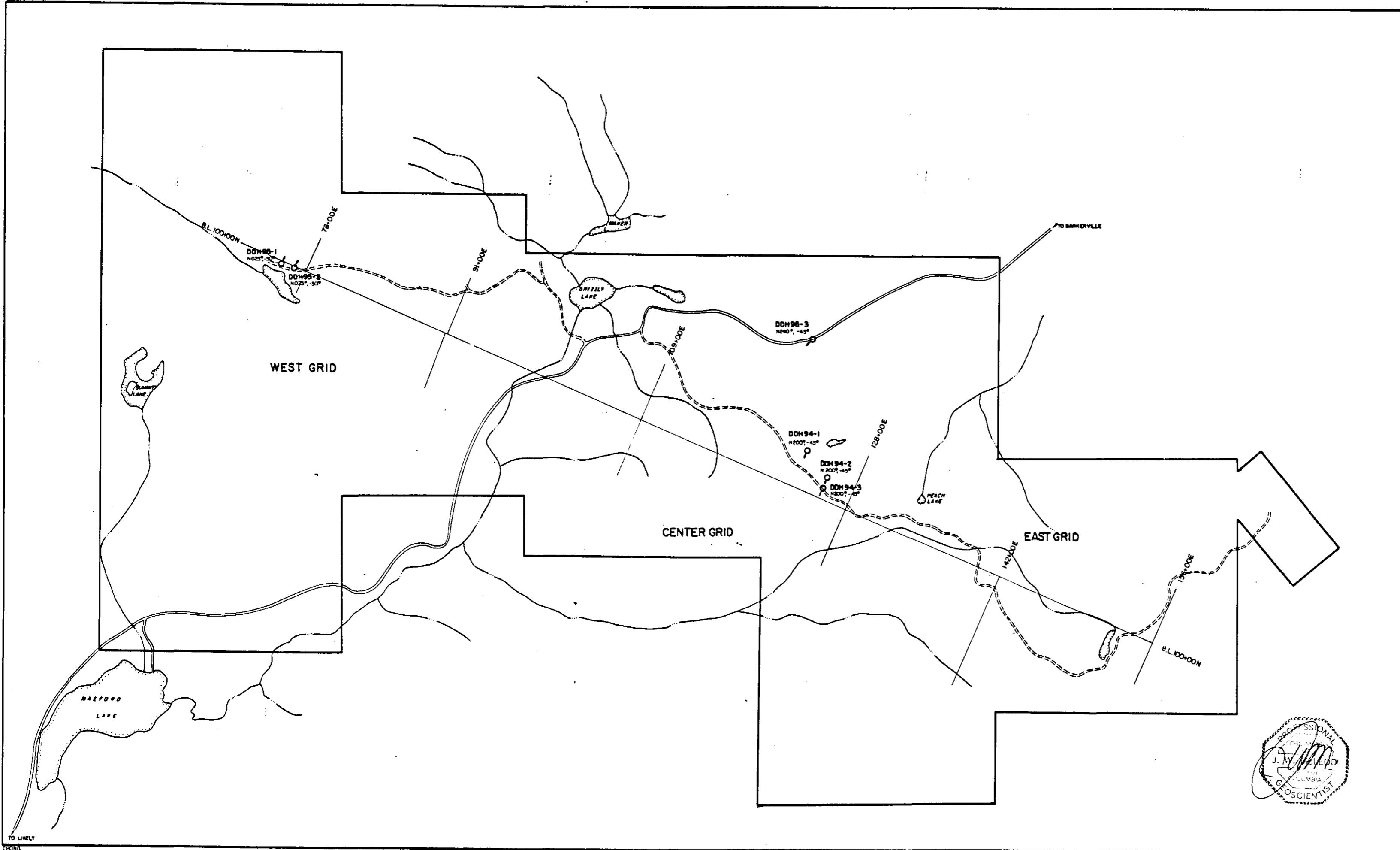


FAIRLANE TRANSPORTATION INC.
 GRIZZLY LAKE PROJECT
 GEOPHYSICAL INTERPRETATIONS

N.T.S. 93A-15 CARIBOO M.D., B.C.

0 500 1000 1500 METRES

SCALE 1:20,000 DATE DEC. 1995
 DRAWN BY: J.W. McLEOD FIGURE NO. 30



○ DRILL HOLE LOCATION



FAIRLANE TRANSPORTATION INC.
 GRIZZLY LAKE PROJECT
 DRILL HOLE LOCATION MAP

N.T.S. 93A-15 CARIBOO M.D., B.C.



SCALE 1:20,000 DATE: DEC. 1995
 DRAWN BY: J.W. McLEOD FIGURE NO. 7

