093353

REPORT ON DIAMOND DRILLING

MEL PROPERTY, YUKON

(JEAN 8, SAM 5, 7, 44, 46, 48 CLAIMS)

CLAIM SHEET 95D/6

LATITUDE 60 DEGREES 25 MINUTES NORTH

LONGITUDE 127 DEGREES 21 MINUTES WEST

PREPARED BY

H. L. KING, P. Geo

FOR

INTERNATIONAL BARYTEX RESOURCES LTD.

COVERING FIELD WORK

BETWEEN

JULY 4 AND AUGUST 25, 1995

SUBMITTED OCTOBER 4, 1995

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

1 November, 1995

Your file Votre référence

Our file Notre référence

DIRECTOR GENERAL, YUKON REGION

ATTENTION: REGIONAL MANGER MINERAL RIGHTS

Enclosed are Drill Logs etc. submitted by ~~Cominco Exploration~~ International Barytex for assessment on the MEL property located on 095-D-06.

Drilling was as follows:

Drill Hole J-95-1	SAM 5	146.9 m
Drill Hole J-95-2	SAM 5	126.8 m
Drill Hole J-95-3	SAM 7	117.0 m
Drill Hole J-95-4	SAM 44	104.8 m
Drill Hole J-95-5	SAM 44	139.0 m
Drill Hole J-95-6	SAM 46	87.2 m
Drill Hole J-95-7	SAM 46	50.6 m
Drill Hole J-95-8	SAM 46	75.3 m
Drill Hole SM-95-1	JEAN 8	212.1 m
Drill Hole SM-95-2	JEAN 8	105.4 m
TOTAL		1165.1 m

Assessment credit requested is $ 66,275.00. The drill core is stored at the MEL camp.

Yours truly,

Patti L. McLeod
Mining Recorder
Watson Lake Miing District
P. O. Box 269
Watson Lake, Yukon
Y0A 1C0

NJM
encl.(s)
cc: Regional Manager, Geological Services

Canada

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

M.R. file no.

R.M.M.R. file no.

Date forwarded 2 Nov 95

TRANSMITTAL FORM

From ▶ Mining Recorder at: WATSON LAKE

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

OFFICE OF THE REGIONAL MANAGER MINERAL RIGHTS NOV - 61995 WHITEHORSE YUKON TERRITORY

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☑ DIAMOND DRILL LOGS — Claims — Claim sheet no. 95-D-6
- ☐ QUARTZ ASSESSMENT REPORT — Claims: JEAN, MEL, JONI, HOSE, CHUNGO, etc — Claim sheet no.

TOTAL DRILLING $168,622.05

Type of report — Submitted by

Cls. work performed on — $ req. for ren. application

Signature

REPLY ACTION

Date returned

Signature

802-37 (7-88)

MAP NO:95D/6

ASSESSMENT REPORT: X

DOCUMENT NO: 093353

PROSPECTUS:

MINING DISTRICT: Watson Lake

CONFIDENTIAL: X

TYPE OF WORK:Diamond Drilling

OPEN FILE:

REPORT FILED UNDER: International Barytex Resources Ltd.

DATE PERFORMED:July 4-Aug 25, 1995

DATE FILED:October 18, 1995

LATITUDE:60 25

AREA:Otter Creek

LONGITUDE:127 21

VALUE:$66,275

CLAIM NAME AND #:Jean, Mel, Joni, Hose, Chingo etc

WORK DONE BY:H.L. King

WORK DONE FOR: International Barytex Resources Ltd.

Claims in Good Standing	

Remarks:1165.1 meters of drilling were conducted to test two geophysical targets one near the Jeri zone and one south of the Mel. Drilling in the vicinity of the Jeri intersected 9.9% Zn over a 5 meter core length in hole 4 and15.6% Zn over 5.1 meters in hole 5.

YUKON ASSESSMENT REPORT
REQUIRED INFORMATION

PROPERTY: *MEL*
NTS MAP SHEET: *95-D-6*
LATITUDE: *60 degrees 25' N* LONGITUDE: *127 degrees 21' W*

CLAIMS AND GRANT NUMBERS:

JEAN 8	*Y 72964*
SAM 5	*YB46145*
SAM 7	*YB46147*
SAM 44	*YB46184*
SAM 46	*YB46186*
SAM 48	*YB46188*

OWNER OF PROPERTY : *INTERNATIONAL BARYTEX RESOURCES LTD.: BREAKWATER RESOURCES LTD.*
ADDRESS: *Ste. 520-470 Granville Street, Vancouver, B.C., V6C 1V5*

TELEPHONE: *(604) 688-9368*
OPERATOR: *International Barytex Resources Ltd.*
TYPE OF WORK: *Diamond Drilling and Road Building*
DATES WORK WAS DONE: *July 4, 1995 to Aug 25, 1995*
AUTHOR OF REPORT: *H. L. King*

LIST OF PERSONNEL:

H.L. King
T.W. Muraro
B. Cross

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

APPENDICES

Appendix A Diamond Drill Logs and Assay Data

Appendix B Assayer's Certificates

SUMMARY

The 1995 diamond drilling program on the Mel zinc-lead-barite property consisted of 10 holes totalling 1165 m(3823') directed at testing two geophysical targets; one on the Jeri Zone and one south of the Main Zone.

Diamond drilling on the first target in August 1995, on the northern extension of the Jeri Zone intersected significant zinc mineralization in 2 of the 8 widely spaced holes drilled to test I.P. anomalies covering a 1.1 km strike length.

Hole No. 4 drilled at -60 degrees on section 142 N intersected 9.9% zinc over a core length of 5 m (16.4'). The true width of the mineralized chert horizon which dips west at 55 degrees is estimated at 4.7 m. Hole No. 5 drilled on the same section intersected 15.6% zinc over a core length of 5.1 m (16.7'). The zone increases to 7.6 m (24.9') averaging 10.9% zinc if the mineralized carbonate hangingwall is included. Hole No. 5 tested the zone 70 m down dip from Hole No. 4.

The new discovery is 8 km northeast of the Main Zone, on the east limb of a syncline and on the same stratigraphic horizon as the Main Zone.

Diamond drilling on the second geophysical target 1.5 km south of the Main Zone failed to intersect the expected favourable contact between the Wavy Banded Limestone and Cryptograined Limestone. The I.P. Response is attributed to graphitic shears in the Wavy Banded Limestone.

INTRODUCTION

The following report summarizes the results of diamond drilling carried out during July and August 1995 on the Mel zinc-lead-barite property by International Barytex Resources Ltd. In preparation for the drilling geophysical work and line-cutting was carried out during late fall 1994 and early spring 1995. During July I.P. geophysical surveys were completed on the Jeri Zone and the South Main Zone followed by 1165 m of drilling (10 holes) which tested both geophysical targets.

LOCATION AND ACCESS

The Mel property is located in southeast Yukon, 80 km east-northeast of Watson Lake (Fig-1). Access to the property is provided by a winter road some 50 km long, leading north from a point on the Alaska Highway 77 km east of Watson Lake. Alternative access is provided by a 640 m long airstrip located 1.5 km south of the Mel deposit. Tractor roads negotiable with tracked, or all-terrain vehicles, and 4 wheel drive vehicles connect the Main Zone with the Jeri Zone and provide good drill access.

CAMP FACILITIES AND EQUIPMENT

Two tent camps are located on the Mel property; one at the Main Mel deposit, the other at the Jeri Zone about 5 km to the east. The Main Mel camp consists of a core shack-tent, cook tent, 3 storage tents, 2 sleeping tents, and an office/sleep tent. The camp is capable of housing a crew of up to 10. The tents have plywood floors, partial plywood walls and 2 x 4 frames. Equipment includes a John Deere 350C tractor (currently undergoing repairs) and 2 Yamaha all - terrain, 4 wheel drive vehicles. Another well-equipped camp capable of housing a crew of 7 was constructed at the Jeri Zone in September 1993. Facilities include two 14' x 16' sleep tents and a 14' x 16' kitchen tent.

PROPERTY AND OWNERSHIP

The property currently consists of 257 contiguous claims in the Watson Lake Mining District (Fig-2, claim location map) held by International Barytex Resources Limited under an Option/Joint Venture Agreement with Breakwater Resources Limited. Under the terms of the Agreement dated August 31 1992 and Amendments to the Agreement, International Barytex Resources Limited can earn an undivided 85% interest in the Mel property by making payments totalling $1 million by September 30, 1997 and spending $1.65 million on exploration work by September 30, 2000. A list of the 257 claims, Grant Numbers and expiry dates are as follows (refer to page 3):

LOCATION MAP

Watson Lake Mining District, Yukon

Distances from Mel Property

Watson Lake	80 km (Air)
Alaska Hwy	50 km (Winter Rd.)
Fort Nelson	507 km - Railhead
Skagway	666 km - Tidewater

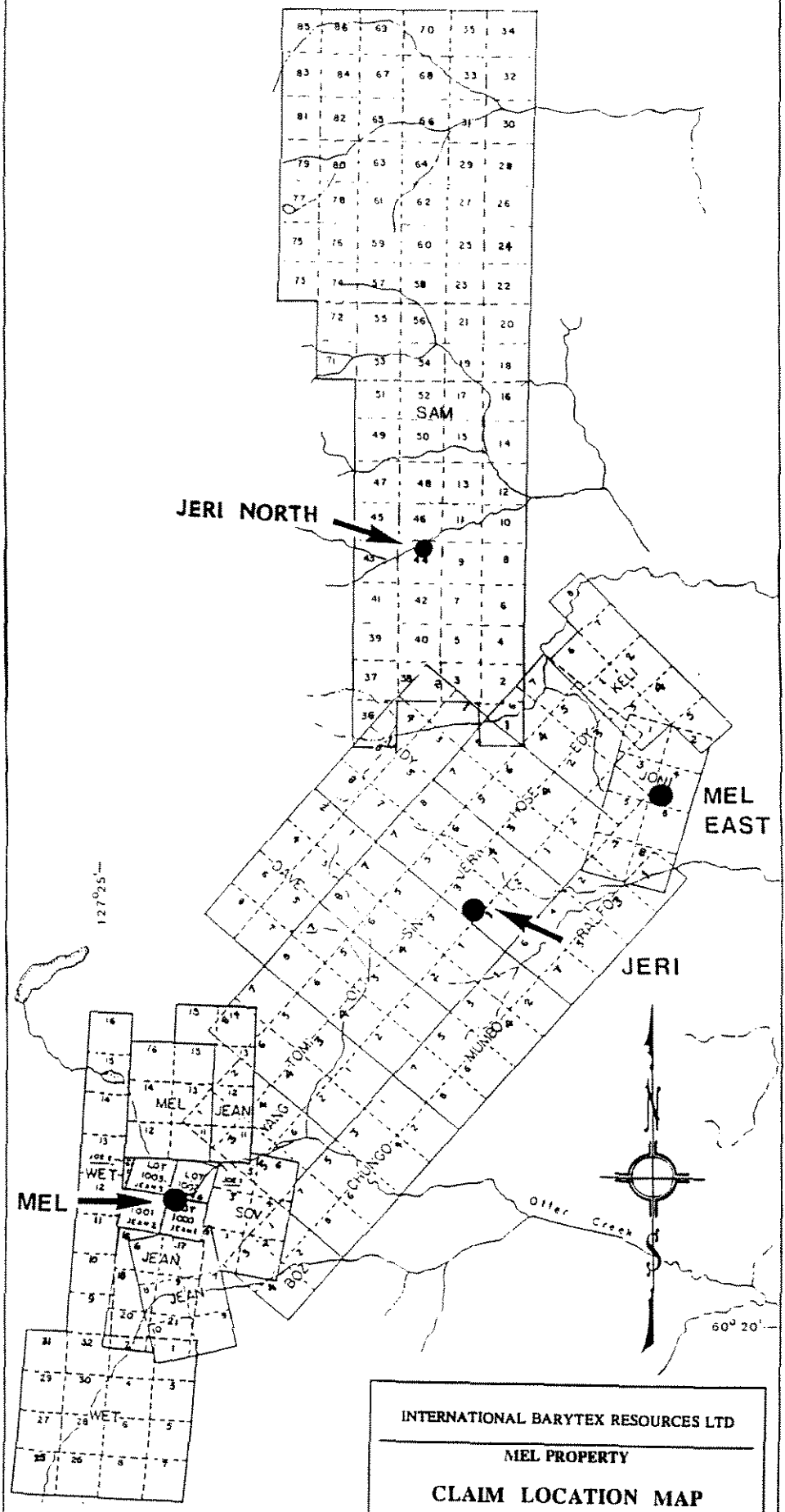
INDEX MAP

Area Covered

Yukon and Northern B.C.

MEL PROPERTY LOCATION & ACCESS

DRAWN BY DCM/HSA	NTS 95D/6	FIGURE 1
REPORT DATE SEPT. 19, 1995	PROJECT NO.	



INTERNATIONAL BARYTEX RESOURCES LTD

MEL PROPERTY

CLAIM LOCATION MAP

WATSON LAKE MINING DISTRICT, YUKON

DRAWN BY:	NTS: 95 D/6
DATE:	FIGURE: 2

GRANT NUMBERS AND EXPIRY DATES

CLAIM NAME	GRANT NO.	EXPIRY DATE
Mel 11-16	Y 22230-35	Apr 03, 2004
Jean 1	Y 72731	Apr 03, 2003
Jean 2-4	Y 72732-34	Apr 03, 2004
Jean 5-7	Y 72961-63	Apr 05, 2002
Jean 8-10	Y 72964-66	Apr 05, 1998
Jean 11	Y 74418	Oct 15, 2003
Jean 12-15	Y 74419-22	Apr 03, 2003
Jean 16-21	Y 74423-28	Oct 15, 2003
Wet 1	Y 83309	Apr 03, 2003
Wet 2	Y 83310	Apr 03, 2004
Wet 3	Y 83311	Apr 03, 2003
Wet 4	Y 83312	Apr 03, 2004
Wet 5-8	Y 83313-16	Apr 03, 2003
Wet 9-16	Y 83317-24	Apr 03, 2002
Wet 25-32	Y 83325-32	Apr 03, 2003
Joe 1-2 Fractions	YA45269-70	Apr 03, 2001
Sov 1-6	YA28600-05	Apr 03, 2004
Keli 1-4	YA66842-45	Aug 10, 1999
Keli 5-8	YA66927-30	Aug 10, 1999
Joni 1-2	YA66846-47	Aug 10, 1999
Joni 3	YA66848	Aug 10, 1998
Joni 4	YA66849	Aug 10, 1999
Joni 5	YA66850	Aug 10, 1998
Joni 6	YA66851	Aug 10, 1999
Joni 7	YA66852	Aug 10, 1998
Joni 8	YA66853	Aug 10, 1999
Hose 1-4	YA66919-22	Aug 24, 1998
Hose 5	YA66923	Apr 03, 2002
Hose 6	YA66924	Aug 24, 1998
Hose 7	YA66925	Apr 03, 2002
Hose 8	YA66926	Aug 24, 1998
Jeri 1-8	YA66921-38	Apr 03, 2002
Ralfo 1	YA66939	Aug 24, 1999
Ralfo 2	YA86940	Apr 03, 2002
Ralfo 3	YA66941	Aug 24, 1999
Ralfo 4	YA66942	Apr 03, 2002
Ralfo 5	YA66943	Aug 24, 1998
Ralfo 6	YA66944	Apr 03, 2002
Ralfo 7	YA66945	Aug 24, 1998
Chungo 1	YA66946	Apr 03, 2002
Chungo 2-6	YA66947-51	Apr 03, 2003
Chungo 7-8	YA66952-53	Apr 03, 2002
Ott 1-8	YA66954-61	Apr 03, 2002
Edy 1-4	YA66962-65	Aug 24, 1998
Edy 5	YA66966	Aug 10, 1999
Edy 6	YA66967	Aug 24, 1998
Edy 7	YA66968	Aug 10, 1999

cont./ Grant numbers & expiry dates

CLAIM NAME	GRANT NO.	EXPIRY DATE
Tomi 1-8	YA66969-76	Apr 03, 2002
Mumbo 1	YA66977	Apr 03, 2002
Mumbo 2-4	YA66978-80	Apr 03, 2001
Mumbo 5-8	YA66981-84	Apr 03, 2002
Boz 1-2	YA66985-86	Apr 03, 2002
Boz 3	YA66987	Apr 03, 1998
Boz 4	YA66988	Apr 03, 2002
Sin 1-2	YA66989-90	Apr 03, 2002
Sin 3-5	YA66991-93	Apr 03, 2003
Sin 6	YA66994	Apr 03, 2002
Sin 7-8	YA66995-96	Aug 24, 1998
Yang 1	YA66997	Apr 03, 1999
Yang 2-6	YA66998-02	Apr 03, 2002
Dave 1-8	YA72501-08	Nov 05, 1998
Andy 1	YA72509	Nov 05, 1998
Andy 2	YA72510	Nov 05, 1999
Andy 3-8	YA72511-16	Nov 05, 1998
SAM 1F-32	YB46141-72	Aug 18, 1999
SAM 33-35	YB46173-75	Aug 18, 1998
SAM 36Fr-67	YB46176-207	Aug 18, 1999
SAM 68-86	YB46208-26	Aug 18, 1998

The claim information was obtained from the Watson Lake Mining Recorder's office.

1995 DIAMOND DRILLING PROGRAM

As an aid to defining drill targets, Induced Polarization Surveys (I.P.) were carried out by S.J. Geophysics Limited on the southern extension of the Main Zone and over a 1.1 km strike length of the Jeri Zone. On the South Main Zone, surveys were run along lines 85N and 86N and on the Jeri Zone, lines 131N to 142N were surveyed. Plans showing the outline of the chargeability and resistivity anomalies are shown on Figures 4 and 5.

During August 1995, 10 diamond drill holes were completed totalling 1165 m (3823 feet). Eight widely spaced holes tested a 2.1 km strike length of the Jeri Zone and 2 holes were drilled to test the I.P. anomalies on the South Main Zone. Locations of all the drill holes are shown on Figures 6 and 7. Cross sections of the drilling are depicted on Figures 8 to 14 inclusive.

The drilling was efficiently carried out by D.J. Drilling based in Watson Lake. Mobilization of the drilling equipment was carried out via winter road from the Alaska Highway during March 1995.

During July 1995, in preparation for the drill program the air-strip was graded and the tractor roads upgraded and extended northward along the Jeri Zone from line 124N to line 152N. An access road was also completed from the Main Zone south to section 85N.

Drilling was carried out on a 2 shift basis. Personnel included 4 drillers, a foreman, 1 cook, 1 geologist (the writer) and a geological assistant.

Drilling commenced on August 6, 1995 and was completed on August 25, 1995. A total of 1165 m was drilled for an average drilling rate of 58.25m/day including moves.

Holes were spotted along existing grid lines. All drill core was logged on a daily basis and all significant mineralization was split and assayed for zinc, lead and silver. Several sections were assayed for copper where traces of chalcopyrite were noted. Assaying was carried out by Acme Analytical Labs of Vancouver.

Assessment work was filed in late August extending due dates on most claims making up the northern one half of the property to 2003 or longer. Additional assessment work was filed in October, extending due dates on claims comprising the south half of the property to at least 2002.

GEOLOGICAL SETTING

At the Mel property Cambrian to Ordovician marine sediments with same-age volcanics host zinc-lead deposits in carbonate, chert and barite. Lithologies include carbonates and clastic sediments broadly folded into a north-south trending, overturned syncline. The synclinal structure has been interrrupted by a number of north-south faults having both vertical and lateral displacements. The accompanying illustration (Figure 3) depicts the geological setting of the property.

ECONOMIC GEOLOGY

The mineralization at the Mel deposit and the showings at the south end of the Jeri and Mel East sites occur within a sedimentary exhalative horizon that rests on a cryptograined limestone unit and is overlain by a distinctive argillite unit that grades upward into a wavy banded limestone. On the northern extension of the Jeri Zone, a sequence of volcanic flows and volcaniclastic rocks overlies the footwall Cryptograined Limestone unit. Of the four sediment-hosted, zinc-rich zones discovered to date, only the main Mel Zone has been drilled to any extent. Drilling to date has outlined reserves of 6.78 million tonnes grading 7.10% zinc, 2.03% lead and 54.69% barite based on 48 holes. The deposit is open down dip with potential for a major increase in tonnage.

At the main Mel deposit, mineralization consists of coarse-grained sphalerite and galena disseminated throughout a massive, coarse-grained quartz-barite host. Minor amounts of fine grained, sparsely disseminated pyrite occurs locally but overall accounts for probably less that 2% of the sulphides.

At the southern end of the Jeri Zone, unusually strong alteration of the footwall carbonate to zinc-bearing, silicified dolomite has been exposed along the middle fold limb for several kilometers. Similar style zinc mineralization is found on the eastern-most fold limb. Sampling of trenches on the Jeri Zone yielded grades of up to 16% zinc over 5 m.

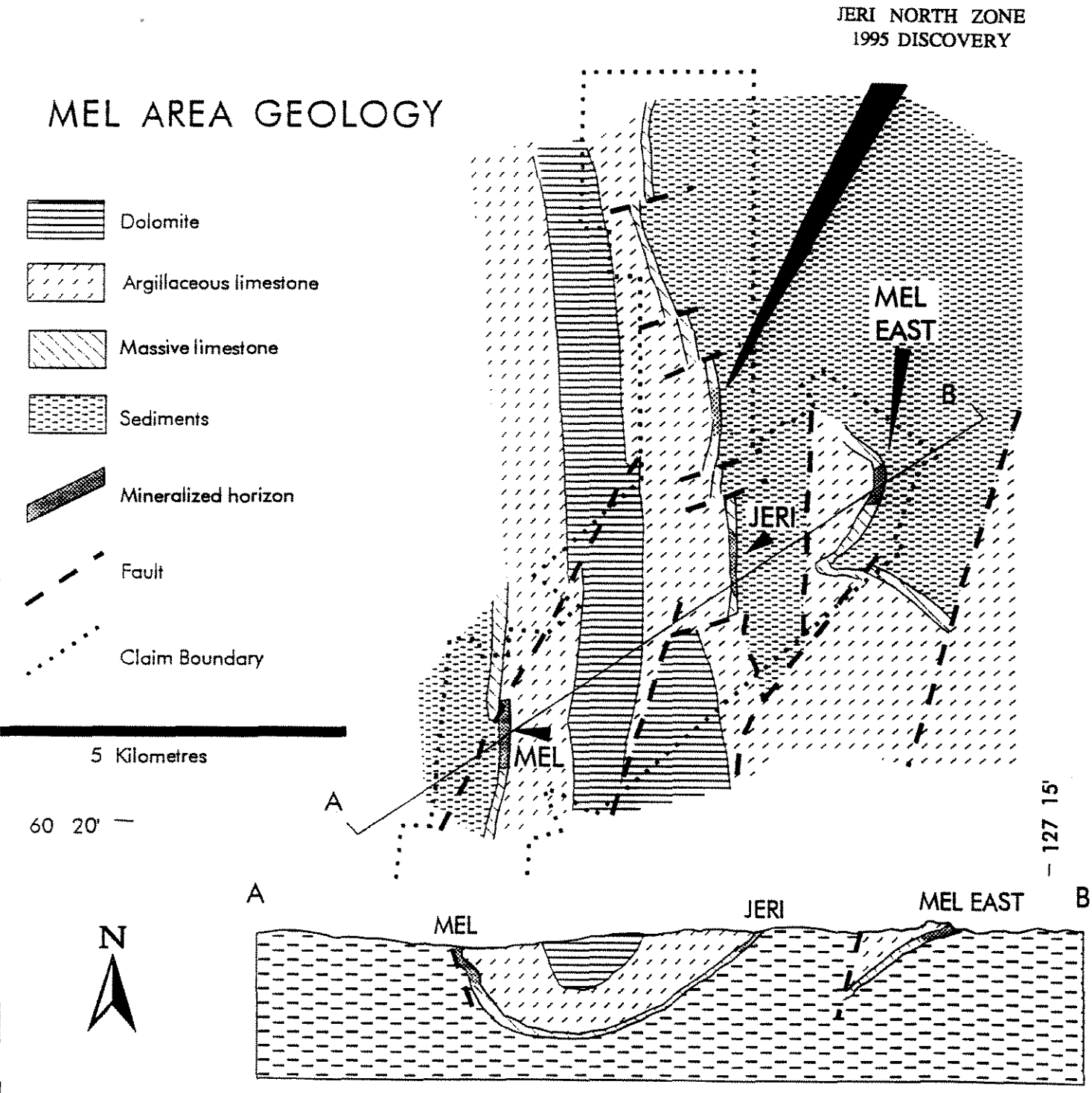

JERI NORTH ZONE
1995 DISCOVERY
MEL AREA GEOLOGY
Dolomite
Argillaceous limestone
Massive limestone
Sediments
Mineralized horizon
Fault
Claim Boundary
5 Kilometres
60 20'
127 15'
MEL
EAST
JERI
MEL
A
B
N
A
MEL
JERI
MEL EAST
B

FIGURE 3

Recent geological mapping has extended this favorable horizon for 8 kilometers and diamond drilling in August 1995 has resulted in the discovery of coarse-grained sphalerite mineralization within an extensive chert unit underlying volcanic flows and tuffs that form part of the stratigraphy.

At the new discovery on the northern Jeri Zone, sphalerite mineralization is coarse-grained and occurs disseminated and as large masses primarily within a massive chert unit and to a lesser extent in an overlying fine-grained ash unit and dolomite layer. Zinc grades of up to 15.9% over 5.1m of core length within the chert unit were intersected. No galena and only minor pyrite was noted.

EXPLORATION RESULTS

Geophysical Surveys

The Induced Polarization surveys carried out at the Jeri Zone in July 1995, outlined a strong chargeability anomaly and corresponding resistivity low partially co-incident with anomalous zinc values in soil over a strike length of 1100 m. Lines 131 N to 134 N and 137 N to 142 N were surveyed. Please refer to Figure 4 for an outline in plan of the chargeability and resistivity anomalies.

South of the Main Zone, Induced Polarization surveys were carried out on lines 85 N and 86 N and resulted in extending to the north a chargeability and resistivity anomaly first identified in the 1994 I.P. survey. Please refer to Figure 5 for a plan view of the anomalies.

Jeri North Drilling Program

The principal objective of the 1995 drilling program was to test a co-incident I.P. and geochemical anomaly on the Jeri Zone. The I.P. anomaly extended from line 131 N to line 142 N a distance of 1100 m. The anomalous zinc and lead geochemistry extended from line 132 N to 152 N, a distance of 2 km.

A total of 8 holes were drilled (1165 m) as follows:

Hole No.	Section	Direction	Dip	Length
J-95-1	132N, 456W	East	-60 degrees	146.9
J-95-2	134N, 414W	East	-60 degrees	126.8
J-95-3	138N, 450W	East	-60 degrees	117.0
J-95-4	142N, 650W	East	-60 degrees	104.8
J-95-5	142N, 650W	East	-90 degrees	139.0
J-95-6	144N, 650W	East	-60 degrees	87.2
J-95-7	152N, 650W	East	-60 degrees	50.6
J-95-8	152N, 800W	East	-60 degrees	75.3

Diamond drill logs for all of the holes as well as assay results are presented in Appendix A. Drill hole assay data is shown in Table 1. Sections of the drill holes are shown in Figure 8 to 14 inclusive.

The drilling intersected a sequence of intermediate volcanic flows and sediments overlain by a relatively thin unit of calcareous shale that forms the base of the extensive Wavy Banded Limestone found throughout the property.

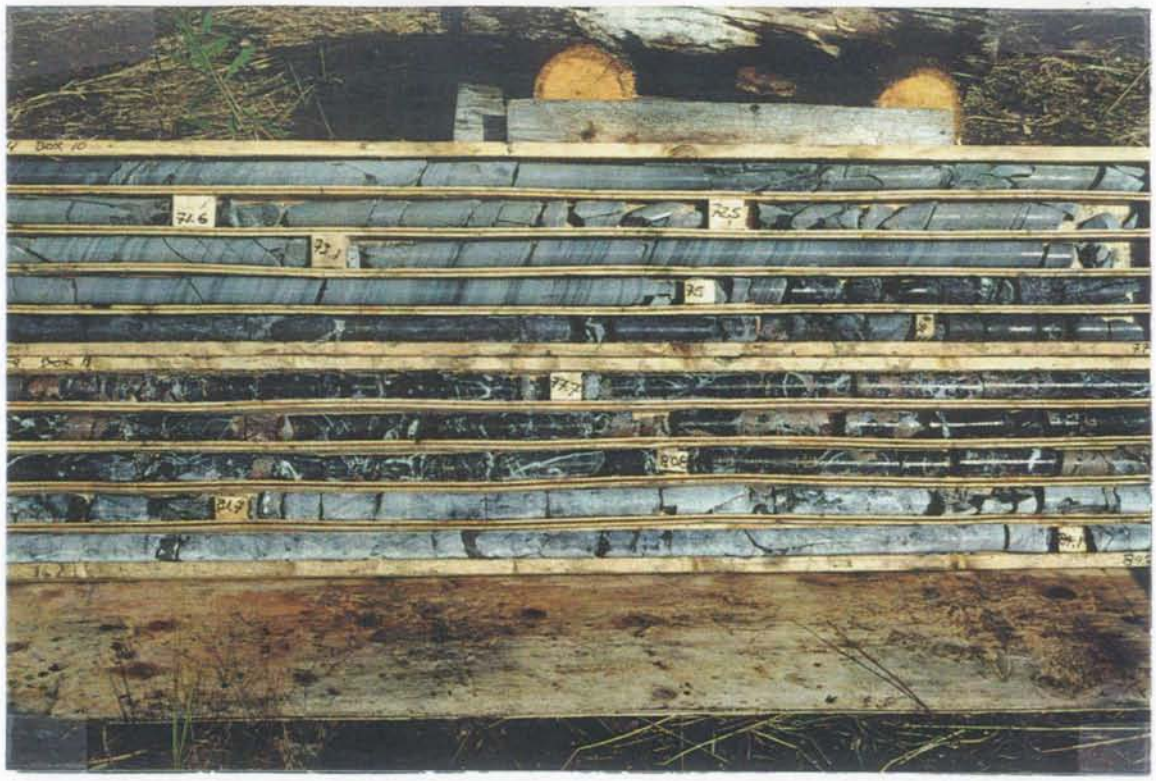
A massive chert unit up to 5 m thick is found at the base of the volcanic-volcaniclastic sequence. In places the chert rests directly on the basal Cryptograined Limestone unit but in some sections is separated from the Cryptograined Limestone by a dolomitic unit.

Sphalerite mineralization is found mainly within the chert unit with lesser amounts occurring in an overlying ash (?) unit (Hole No. 5) and in an underlying dolomitic unit (Hole No. 1, 2, 3). Fine graded bedding and load-cast structures indicate bedding tops face upward.

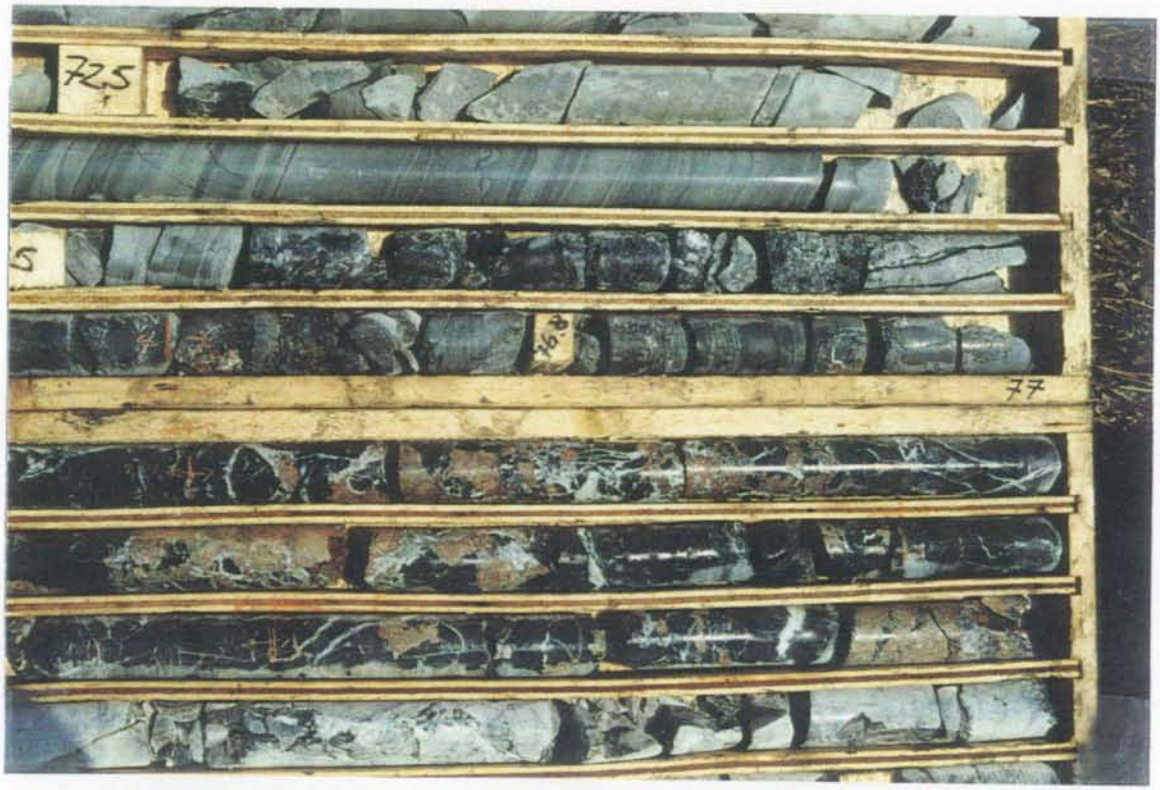
Significant zinc mineralization was intersected in Hole No. J-95-4 and J-95-5 drilled on Section 142 N. The coarse-grained sphalerite (see photo) found in Hole J-95-4 occurs within a massive chert unit directly overlying massive, light grey Cryptograined Limestone. Assays over a core length of 5.0 m averaged 9.9% zinc. Hole J-95-5 was drilled to intersect the mineralized zone 70 m down dip and encountered sphalerite in coarse-grained masses and in disseminated form within the chert unit and also within volcanic ash and dolomite. Assays from a 5.1 m interval of mineralized chert assayed 15.6% zinc. If the mineralized ash unit and dolomite is included, a 7.6 m section averages 10.9% zinc.

Diamond Drill Rig On Hole J-95-1
Section 132N, Jeri Zone. Looking South

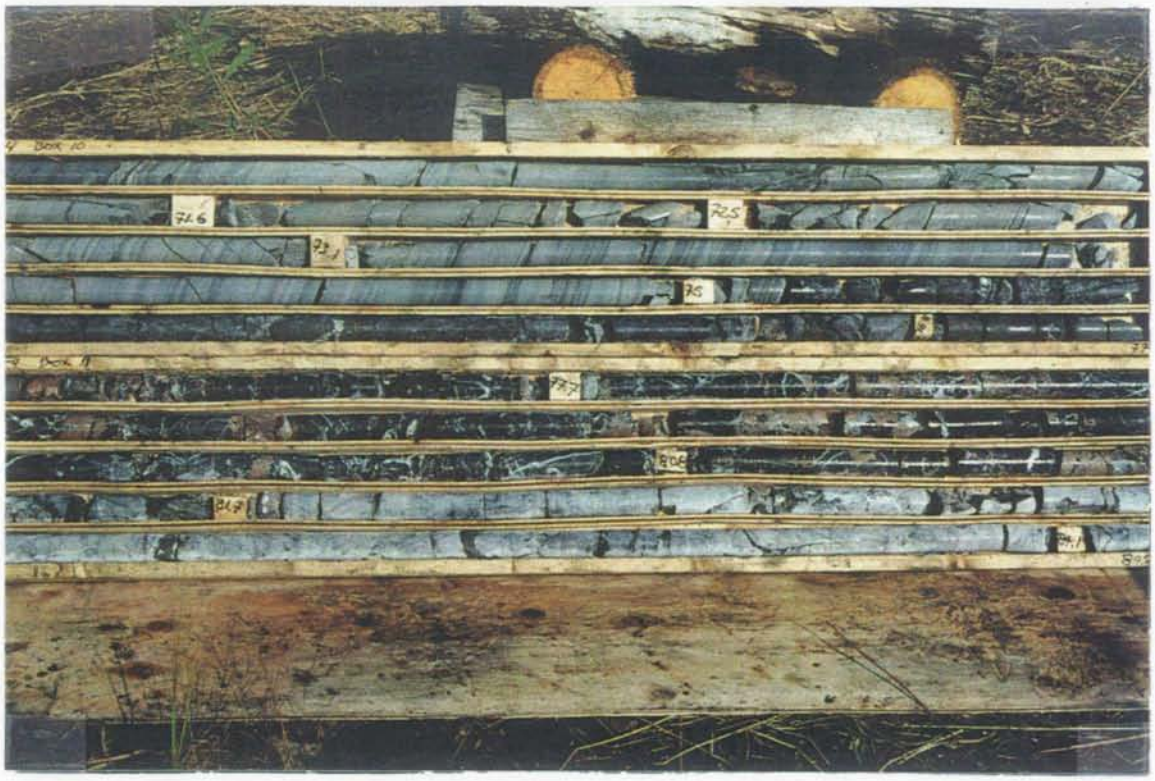
Diamond Drill Rig On Hole J-95-5
Section 142N, Jeri Zone. Looking South
Ridge of Cryptograined Limestone Forms Footwall



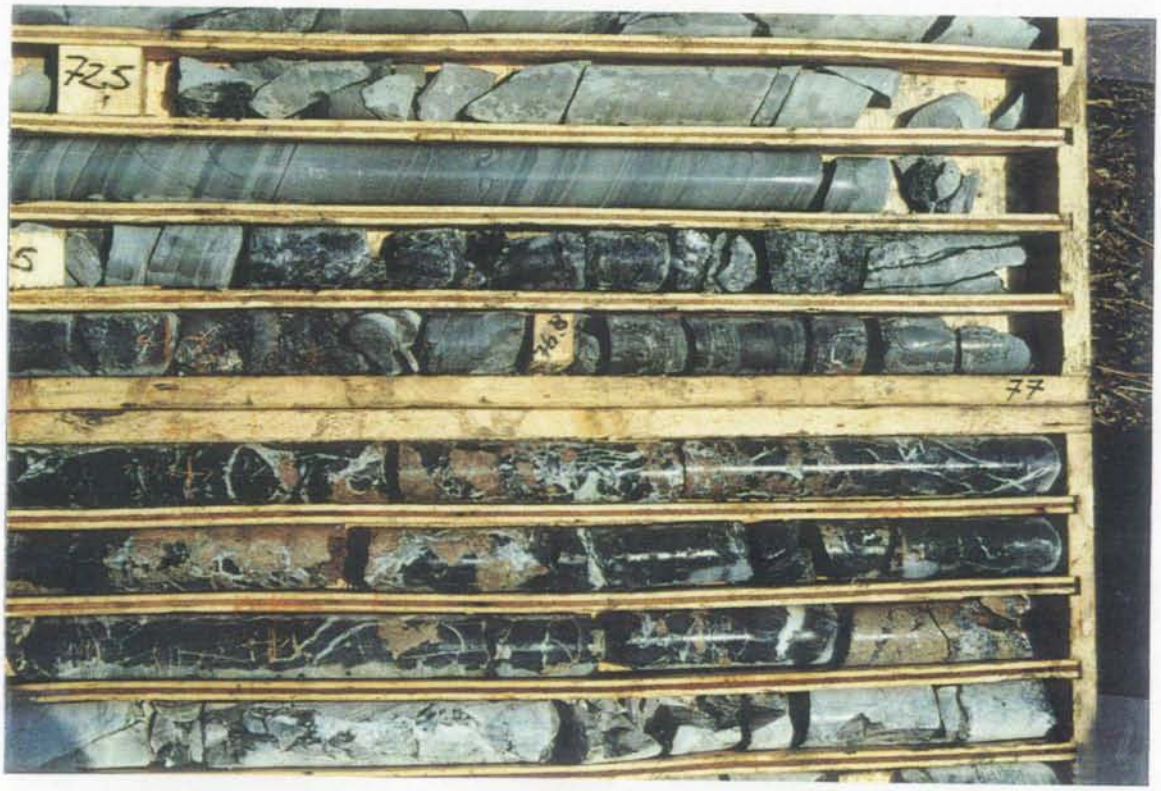
Hole No. J-95-4 From 69.5-84.2 m
Thin bedded calcareous siltstone overlies black sphalerite-rich chert; massive Cryptograined Limestone underlies the mineralized chert



Hole No. J-95-4
Coarse-grained sphalerite in massive black chert
The zone averaged 9.9% zinc over 5 m from 76.6 to 81.6m



Hole No. J-95-4 From 69.5-84.2 m
Thin bedded calcareous siltstone overlies black sphalerite-rich chert; massive Cryptograined Limestone underlies the mineralized chert



Hole No. J-95-4
Coarse-grained sphalerite in massive black chert
The zone averaged 9.9% zinc over 5 m from 76.6 to 81.6m

In Hole No. J-95-1 on section 132 N, a narrow section of mineralized dolomite just above the footwall Cryptograined Limestone assayed 3.5% zinc over a core length of 1.0 m.

Hole No. J-95-2 on Section 134 N, intersected 3.14% zinc over 0.5 m within the chert unit and 8.16% zinc over 0.35 m within the underlying dolomite. It is estimated that about 1 m of core was lost within the dolomite adjacent to the mineralized zone.

Hole No. J-95-3 intersected weakly mineralized dolomite grading 1.46% zinc over 0.3 m just below unmineralized chert. Hole J-95-6, 7 and 8 failed to intersect zinc mineralization.

No significant amount of pyrite was noted to account for the I.P. chargeability anomalies. However, graphitic shear zones were noted within the volcanic and related sediments which probably account for the geophysical responses.

Mel South Zone Drilling

Two drill holes were completed on Section 85 north in an attempt to explain the good Induced Polarization anomaly outlined on sections 84N , 85N and partially delineated on Section 86N. The details of the drill holes are as follows:

Hole No.	Co-ordinates	Direction	Dip	Length
SM 95-1	85N, 10+035E	West	-60 degrees	212.1 m
SM 95-2	85N, 9 +970E	West	-48 degrees	105.4 m

The drilling encountered steeply dipping Wavy Banded Limestone, locally highly fractured and sheared. Minor graphite was noted along several muddy shear zones which may explain the I.P. anomaly. However, the targeted contact zone between the Wavy Banded Limestone and the Cryptograined Limestone was not intersected.

CONCLUSIONS

The 1995 exploration work on the Mel property has resulted in the discovery of a significant new zone of coarse-grained zinc mineralization within an extensive chert unit underlying volcanic flows and tuffs that form part of the stratigraphy. This zinc discovery with values of up to 15.6% zinc over 5.1 m in Hole No. J-95-5 could be expected to extend to depth and have significant lateral extent. There is a gap of 400 meters between Hole No. J-95-3 and J-95-4 and 5 to the south and a 200 m gap to the north providing up to 600 m of untested strike length. A major drill program is warranted to determine the extent of the zinc mineralization in this area. In Hole No. J-95-8, the furthest north hole drilled, although not mineralized, the chert unit intersected is about 5 m thick indicating the favourable environment may extend for some distance along strike to the north. Continued drill testing along this horizon is warranted.

At the Mel South Main Zone, the favourable contact remains untested and deepening of Hole MS-95-2 is required to determine if the contact is mineralized.

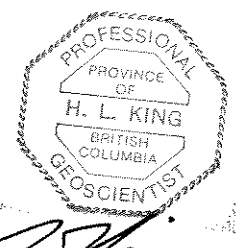
RECOMMENDATIONS

A drill program to test the strike extent and down-dip continuity of the zinc-rich chert horizon encountered in hole J-95-4 and 5 on Section 142N of the Jeri Zone is recommended. A program of step-out drilling on 100 m sections designed to test the zone along a strike length of 600 m and to 400 m depths would require about 4000 m (13,124 feet) of drilling. This amount of drilling would only be justified if continuity and grade of the mineralization was established in the initial step out holes. The cost of such a drill program is estimated at $440,000 ($110.00/m or $33.50/feet).

Additional fill-in geochemical soil sampling and prospecting should be completed from sections 139N to at least 174N. This work should be carried out prior to the start of drilling to develop additional drill targets. On the South Main Zone, hole SM-95-2 should be deepened to test the contact between the Wavy Banded Limestone and Cryptograined Limestone for possible mineralization.

Costs for the above program is estimated as follows:

Geological mapping, soil sampling and prospecting (30 days)	$ 21,000.00
Drilling-Jeri Zone (Section 139-143N) 4000m x $110/m	$440,000.00
Drilling Main Zone (Section 85N) 100m x $110/m	$ 11,000.00
Total	$472,000.00



October 5, 1995

H. L. King, P. Geo

STATEMENT OF QUALIFICATIONS

CERTIFICATE

I, H. Leo King, of 4747 Marguerite Street, Vancouver, British Columbia do hereby certify that:

I am a geologist and a graduate of the University of Saskatchewan, B.A. (Geology) 1961, M.A. (Geology) 1965.

I am a member of the Association of Professional Engineers and Geoscientists of B.C. and a member of the Association of Professional Engineers of Ontario.

I am a Fellow of the Geological Association of Canada.

I have practiced my profession for over 30 years.

This report is based on personal observations made on the mineral claims during August 1995.

I am currently employed by **International Barytex Resources Ltd.,** as a General Manager and Corporate Secretary.

H. Leo King, P. Geo.
October 5, 1995

STATEMENT OF COSTS

The following is a summary of drilling costs and related road building costs incurred on the Mel property during July and August 1995.

Drilling Costs

Aircraft support (Watson Lake Flying Service)	$ 5,459.00
Fuel (diesel, propane & gas)	14,300.00
Core boxes	1,694.00
Mobilization & demobilization of drill crew	4,280.00
Road building including preparing drill stations	25,423.00
Direct drilling costs	75,636.00
Indirect drilling costs (water lines, moves, travel time)	15,601.00
Supervision (geologist & assisstant)	21,101.04
Assaying	584.30
Expenses including travel and accommodation	3,687.99
Equipment rental (radio rental)	433.20
Total costs relating to drilling are approx. $140.27/m ($42.75/ft).	$168,199.53

Supplies

Jarand Building Supplies, Watson Lake	191.62
D.J. Drilling, Watson Lake	118.66
Northern Metalic Sales, Watson Lake	112.24
= $144.72/m ($44.11/ft)	$168,622.05

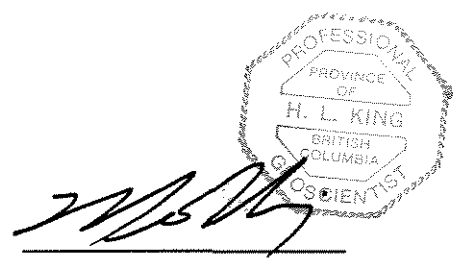
Note: The above expenditures do not include mobilization costs incurred in March, 1994 prior to April 3rd. anniversary dates for certain claims.

DISTRIBUTION OF COSTS
FOR DIAMOND DRILLING AND ROAD BUILDING
DURING JULY AND AUGUST, 1995

Due to several different anniversay dates for certain claim groups during the month of August, it is necessary to separate costs incurred into the following work periods:

Claim	Drilling Period	Drilling Completed	Overall Cost/m(ft)	Total Cost
SAM 5	Aug 6 - Aug 15/95	274m(899')	144.72/m(44.11/ft)	$ 39,653.28
SAM 7	Aug 11 - Aug 12/95	117m(384')	144.72/m(44.11/ft)	16,932.24
SAM 44	Aug 12 - Aug 16/95	185m(607')	144.72/m(44.11/ft)	26,773.20
JEAN 8	Aug 22 - Aug 25/95	317.5m(1,041.7')	144.72/m(44.11/ft)	45,948.60

Please note the overall cost per meter (ft) for drilling includes road building and drill site preparation costs.



October 5, 1995

H. Leo King

NAMES AND ADDRESSES OF EMPLOYEES AND CONTRACTORS AND TIME EMPLOYED IN CARRYING OUT THE EXPLORATION WORK AND PREPARING REPORT.

1)	H. L. King	4747 Marguerite Street, Vancouver, B.C., V6J 4H1
2)	T. W. Muraro	4438 Stone Court, West Vancouver, B.C., V7W 2V5
3)	B. Cross	Hornby Island, B.C., V0R 1Z0
4)	D. J. Drilling	P. O. Box 332, Watson Lake, Yukon, Y0A 1C0

Time spent in field supervising access road construction and diamond drilling :

	Days
H. L. King	25
T. W. Muraro	11
B. Cross	55

Time spent in preparing report :

Drill log preparation, drafting maps	9
Report writing, proof reading, printing	7
Total	16 days

TABLE 1
DRILL HOLE ASSAY DATA

Hole No.	Section	From	To	Intercept (m)	%Cu	%Pb	%Zn	Ag(oz/t)	Au(oz/t)
J-95-1	132N	105.6	106.1	0.5		<.01	0.80	<.01	
		106.1	107.1	1.0		<.01	3.59	0.02	
		107.1	107.6	0.5		<.01	0.06	<.01	
J-95-2	134N	91.45	92.45	1.0					0.001
		92.45	94.15	1.7					0.001
		104.8	105.4	0.6		<.01	0.78	0.01	
		106.5	107.0	0.5		<.01	3.14	<.01	
		107.0	107.7	0.7		<.01	0.06	0.01	
		107.7	108.5	0.8		<.01	0.06	<.01	
		108.5	109.3	0.8		<.01	0.15	<.01	
		109.3	109.65	0.35		<.01	8.16	0.01	
		109.65	110.15	0.5		<.01	0.12	0.01	
		118.3	119.4	1.1		<.01	0.53	<.01	
J-95-3		102.6	103.5	0.9		<.01	0.13	0.01	
		103.5	103.8	0.3		<.01	1.46	<.01	
		103.8	104.3	0.5		<.01	0.06	<.01	
J-95-4		76.1	76.6	0.5		<.01	0.03	<.01	
		76.6	77.2	0.4		0.01	4.71	0.01	
		77.2	77.4	0.2		0.10	39.66	0.04	
		77.4	78.1	0.7		0.01	2.80	0.01	
		78.1	79.0	0.9		0.01	17.09	0.01	
		79.0	79.35	0.35		<.01	1.41	0.01	
		79.35	80.0	0.65		0.02	3.92	0.01	
		80.0	81.1	1.10		0.02	3.87	<.01	
		81.1	81.6	0.5		0.01	29.77	0.01	
		81.6	82.1	0.5		<.01	0.26	<.01	
Weighted Average		76.6	81.6	5.0			9.9		
J-95-5		120.0	120.5	0.5		<.01	1.46	<.01	
		120.5	120.7	0.2	0.035	<.01	6.28	0.01	
		121.9	122.4	0.5	0.045	<.01	0.08	4.01	
		122.4	123.0	0.6	0.010	<.01	3.28	<.01	
		123.0	123.8	0.8	0.166	<.01	27.47	0.06	
		123.8	124.7	0.9	0.016	<.01	0.24	<.01	
		124.7	125.6	0.9	0.127	0.01	24.83	0.05	
		125.6	126.6	1.0	0.024	<.01	10.23	0.01	
		126.6	127.3	0.7	0.017	<.01	11.29	<.01	
		127.3	128.1	0.8	0.054	<.01	21.37	0.03	
		128.1	128.4	0.3	0.002	<.01	0.53	<.01	
		128.4	128.9	0.5	0.002	<.01	0.18	<.01	
Weighted Average		120.5	128.1	7.6			10.92		
or		123.0	128.1	5.1			15.64		

APPENDIX A

DIAMOND DRILL LOGS

AND

ASSAY DATA

DRILL LOG HOLE NO. J-95-1

PROPERTY: MEL	TP OR AREA: OTTER CREEK 95D6	AZIMUTH: 90° (GRID EAST)	DATE STARTED: AUG 6, 1995
PROJECT:	LOT & CONC.	DIP: -62°	DATE COMPLETED: AUG 8, 1995
CLAIM NO.: SAM 5	CO-ORDINATES: 132+06N	LENGTH: 146.9m	DRILLED BY: D.J. DRILLING
GRID NO.:	456W	COLLAR ELEV.:	LOGGED BY: H.L. KING

CORRECTED DIP TESTS: 84m 59°

LOCATION SKETCH OF HOLE

METRES FROM	METRES TO	SECTION	DESCRIPTION
			OBJECTIVES:-
0	3.0		CASING - CLAY-RICH TILL
3.0	63.7		WAVY BANDED LIMESTONE; Typical boudinaged light grey carbonate beds (1-2cm) comprise from 40% to 70% with dk grey shaly partings making up the balance. Good quality core, fractures average 10-20cm spacing, minor quartz-carbonate veining, locally rusty staining along fractures. Core angles consistent at 70°; fractures generally parallel to foliation, a few fractures at 30° to core axis.
			54.5-54.7 Fracture zone
			55.5 " 0.5 cm muddy shear at 70°
			61.2 " minor pyrite, 0.5cm wide layer.
			63.0-63.4 Highly fractured zone
63.7	67.4		CALCAREOUS SHALE, dark grey; Calcareous beds alternate with darker grey shaly beds; becomes less calcareous near the contact with volcanics.
67.4	72.3		TUFF (?) (possibly a flow breccia) dark grey, calcareous, reacts weakly with HCl; mottled black-white texture, locally dark grey cherty rounded clasts (1mm-1cm) set in dark f.g. cherty ash; a few larger chert clasts up to 5cm in dia. At 71.1 a 7bio-bedded chert layer 5cm thick with core angle at 60° Graphitic matrix from 67.5 to 68.1m with minor disiem pyrite (1-2%). Locally up to 10% graphite, f-mg flakes.
72.3	90.8		Andesite FLOW, f-g. pale green; quartz amygdules up to 20% 1cm chert layer at contact with dark grey volcanic tuff bed 5cm thick; Locally 1 to 3cm chert layers; Locally f-g (up to 2mm) feldspars (?) and dark grey quartz amygdules (?) making up to 20% of rock. In places, a few specks pyrite (≤1%). Sections with rounded, elongate, pale grey-green clasts (?) or amygdules up to 5% of rock. A few thin quartz-filled fractures (≤0.1mm to 2mm), close-spaced network; Brecciated section from 75.9-76.8 made up of semi-rounded clasts up to 2cm in dia. in quartz-rich, lt grey matrix. Regular thin quartz veinlets spaced 1cm to 3cm, and averaging 1mm in thickness from 77.3-77.8 and from 78.3-79.2. Good quality Core with fractures at 30°-45°. Core pieces 20cm-50cm.

SAMPLE NO.	FROM	TO	LENGTH

ASSAYS

DRILL LOG HOLE NO. J-95-1

METRES FROM	METRES TO	SECTION	DESCRIPTION
			At 83m, color changes from pale green to dark grey but character of flow remains the same. Good quality core; 10cm-20cm average lengths with local sections highly fractured. 99% core recovery.
90.8	91.9		DOLOMITE hosting pale green volcanic breccia clasts of overlying volcanic flow. Large angular volcanic clasts up to 10cm in diam. make up 50-60% of rock. clasts supported by dolomitic matrix (reacts weakly w. HCl)
			At 91.3 a few irreg blebs and stringers pyrite (5% py over 10cm)
91.9	98.0		DOLOMITIC LIMESTONE, dark grey with mottled lighter grey sections, scratched surface reacts weakly w. HCl.
			97.8-98.0 Highly fractured zone
98.0	99.1		LIMESTONE, massive, lt-med grey
99.1	100.8		TUFF, AQUAGENE, lt grey carbonate-rich med grained clasts to 10cm; core angles 80°-70°
			100.1-100.3 thin bedded, v fg, lt gy, no reaction to HCl; cut by 5 fcm carbonate stgs; core angles 50°-60°
			100.3-100.5 Shear Zone, 5cm muddy gouge 100.4-100.5
100.8	102.6		siltstone, f-g, lt gy, thin bedded, 5 mm laminations to 3cm beds, non calcareous; 1cm wide graphitic shear marks contact with dark grey chert.
102.6	104.4		CHERT, dk gy, cut by num minor white quartz veinlets, indistinct layering, locally breccia texture. Fracture zone from 103.8-103.9
104.4	106.1		DOLOMITIC LIMESTONE, siliceous; reacts weakly with HCl. med grey, locally salt & pepper texture, cut by num small quartz stgs; highly fractured zone from 104.6-105.0 and 105.6-106.1, 95% core recovery.
106.1	107.1		MINERALIZED DOLOMITE BRECCIA, cemented by quartz and dolomite spar; vuggy rusty zones with Smithsonite (locally strong + zinc test) 99% core recovery.
107.1	146.9		LIMESTONE, very light grey, crypto crystalline, minor vugs, minor mud-filled fractures and voids, locally masses of lt brown iron carbonate (?) up to 10%. Minor calcite carbonate veinlets, core generally moderately to highly fractured with pieces averaging 10cm (max lengths 40cm).
			At 107.8 - a muddy shear at 30° to core axis.
146.9			END OF HOLE.

SAMPLE NO.	FROM	TO	LENGTH (m)	ASSAYS Pb %	Zn %	Ag (oz/t)
96761	105.6	106.1	0.5	<.01	0.08	<.01
96762	106.1	107.1	1.0	<.01	3.59	.02
96763	107.1	107.6	0.5	<.01	0.06	<.01

DRILL LOG HOLE NO. J-95-2

PROPERTY: MEL	TP OR AREA:	AZIMUTH: 90° (GRID EAST)	DATE STARTED: AUG 9, 1995	CORRECTED DIP TESTS: 51m 57°; 99m 56°
PROJECT:	LOT & CONC.	DIP: -60°	DATE COMPLETED: AUG 10, 1995	
CLAIM NO.: SAM 5	CO-ORDINATES.: 134+10 N	LENGTH: 126.8m	DRILLED BY: D.J. DRILLING	
GRID NO.:	4/4W	COLLAR ELEV.:	LOGGED BY: H.L. KING	

LOCATION SKETCH OF HOLE

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
			OBJECTIVES:-					
0	3.4		CASING - CLAY-RICH TILL					
3.4	68.6		WAVY BANDED LIMESTONE, Ltgy, 60% carbonate component, varies locally to 50%. Shaly partings make up remainder, typical boudinaged structure; carbonate nodules appear stretched into boudins. Core angles consistent at 60°, flattening to 80° at 39m, then to 75° at 68m. Oxidized Lt Brown staining within shaly fraction to 40m. Num fractures to 15.5m. Good core recovery (99%) Core broken into 5cm - 15cm pieces.					
			AT 8.5m, 3cm muddy shear					
			AT 27.7, 2cm muddy shear at 20° to core axis					
			28.2 - 28.6, muddy shear at 10° to core axis					
			46.5 - 46.8, Breccia zone cemented by white calcite & quartz					
			47.3 - 47.7 Quartz-carbonate vein at 70° to core axis					
			48.0 - 63.5 up to 70% shaly component					
			52.8 - 53.1 minor pyrite in stks and blebs, <5%					
			63.3 - 63.5 Carbonate-rich bed, 90% carbonate					
68.6	71.2		CALCAREOUS SHALE; dark grey, thin-bedded, reacts to HCl, locally traces pyrite (<2%); core angles 80° - 70°; Core locally fractured but generally good quality.					
			71.2 - 72.0 Transition zone from calcareous shale to volcanic interlayered fossil fragments (up to 10cm wide) interlayered with calcareous graphitic shale; core angles at 75°					
71.2	75.5		TUFF BRECCIA (possibly a Flow Breccia) intermed (Andesitic) irregular to rounded clasts, cherty, up to 5cm in dia. set in a f.g. TUFF(?) matrix, clasts display variable textures, clast sizes from coarse Tuff to Lapilli - sized (< 2cm) Carbonate-rich (reacts weakly to HCl)					
			71.2 - 72.0 Graphitic, carbonate-rich beds, Lt-dk grey, possibly fine ash with fossil fragments set in dk grey graphitic matrix					
75.5	76.8		ANDESITE FLOW, med grey, f.g. some cherty clasts to 2mm dia, rounded qtz (chert) amygdules.					
76.8	82.9		TUFF BRECCIA (possibly Flow Breccia) Locally agglomeratic (rounded to sub-rounded clasts, Intermed. in comp.; clasts vary from v.f.g. to					

DRILL LOG HOLE NO. J-95-2

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (m)	ASSAYS Au(oz/t)
			5 cm in dia, and vary in color from dk grey to lt grey; entire section is carbonatized (reacts weakly with HCl). Locally clasts supported by white quartz-carbonate matrix. Good core recovery up to 99%; Core pieces up to 50 cm long, (Av. 20cm).					
82.9	92.0		ANDESITE FLOW; f.g., pale grey-green, 10% f.g. qtz amygdules, up to 2mm dia, sections cut by bleach chert-filled fracture sets generally less than 2 mm in width and spaced less than 1 cm apart. one set at 60°-80°, another at 20°-40°.	96764	91.45	92.45	1.0	.001
				96765	92.45	94.15	1.70	.001
			Distinctive earlier set of quartz veinlets (bleach chert) cut core at angles from 30°-70°;... with ranges from 0.5 cm to 10 cm, spaced at roughly 50 cm.					
			91.4-92.2 Pyritic; irregular quartz-pyrite stringers, some fracture filling; pyrite up to 10%, stringers range in width from 0.2 cm to 1 cm.					
			Highly fractured zones from 84.1-84.3 85.2-85.5 89.0-89.6 90.2-90.6					
92.0	94.7		MINERALIZED TUFF-BRECCIA, heterolithic, angular to rounded bleached andesitic flow fragments, dark grey tuff and lt grey chert clasts, locally cemented by quartz-carbonate and fine ash(?) About 10% pyrite assoc. with quartz carbonate stringers and as disseminated blebs, Trace sphalerite(?)					
			major Shear from 94.2-94.6; rusty, highly fractured zone with several mud slips to 1 cm.					
94.7	96.0		DOLOMITIC LIMESTONE; mottled light grey with dark grey, irregular masses (possibly fossil forms). Reacts weakly to HCl. From 95.6-96.0 num sub-parallel quartz-carb stringers with Trace sphalerite(?) along veinlet margin.					
96.0	99.4		DOLOMITIC LIMESTONE; f-mg, crystalline, med gy, salt & pepper texture.					
99.4	101.7		DOLOMITIC LIMESTONE; mottled, light and med grey, brecciated indistinct layering.					
101.7	102.0		TUFF, AQUAGENE & VOLCANICLASTIC SILTSTONE; lt grey, rounded to subangular clasts in fine ash; carbonate-rich (reacts weakly to HCl)					
			Vague layering at 60°, muddy shear at 102.0					
102.0	104.8		CALCAREOUS SILTSTONE, volcaniclastic, thinbedded, interlayered with cherty beds <1 cm to 3 cm; core angles 60°-70°; graded beds (tops up the hole).					
			Shear zone @ 102.3; 3 cm muddy slip.					
			Fracture zone 102.4-102.7 + 103.9-104.2					
			Shear, muddy; 2 cm wide at 103.9					

DRILL LOG HOLE NO. I-95-2

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH (m)	ASSAYS Pb %	Zn %	Ag (oz/t)
104.8	107.7		CHERT, locally lt grey ash(?) layers and black shaly beds, sections contorted + brecciated; positive zinc test from 104.8–105.0, and 105.4 and at 106.5–106.8. Minor f.g. sphalerite in split core. Core is locally pitted and oxidized.	96766	104.8	105.4	0.6	<.01	0.78	0.01
				96767	106.5	107.0	0.5	<.01	3.14	<.01
				96768	107.0	107.7	0.7	<.01	0.06	0.01
				96769	107.7	108.5	0.8	<.01	0.06	<.01
107.7	109.6		DOLOMITIC LIMESTONE, brecciated, mottled lt gy–dk gy, cut by num quartz–carb stringers, brecciated black chert zone from 108.5–108.8; positive zinc test along fractures	96770	108.5	109.3	0.8	<.01	0.15	<.01
				96771	109.3	109.65	0.35	<.01	3.16	0.01
				96772	109.65	110.15	0.5	<.01	0.12	0.01
				96773	118.3	119.4	1.1	<.01	0.53	<.01
			109.3–109.6; Fractured zone, pitted and oxidized, positive zinc test over 30 cm.							
109.6	126.8		LIMESTONE, cryptocrystalline, lt gy, rusty, vuggy zone over 5cm at 111.9 – no zinc reaction.							
			112.0–112.5 Chert layer, lt brown–buff colored							
			~ 110.6–111.5 Lost core THIS Lost Core may have been lost at 109.4–109.6							
			A few vugs at 116.7, 117.8, 118.9 and 119.2 reacted positively to zinc test.							
			A few grains sphalerite at 119.2							
126.8			END OF HOLE							

DRILL LOG HOLE NO. J-95-3

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED	CORRECTED DIP TESTS			
MEL		90° (GRID EAST)	AUG 11, 1995	11 m	57°		
PROJECT	LOT & CONC.	DIP -57°	DATE COMPLETED AUG 12, 1995	51 m	57°		
				114 m	56°		
CLAIM NO. SAM 7	CO-ORDINATES. 138 +00N	LENGTH 117 m	DRILLED BY D.J. DRILLING				
GRID NO.	450W	COLLAR ELEV.	LOGGED BY H.L. KING				

LOCATION SKETCH OF HOLE

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
			OBJECTIVES :-					
0	6.1		CASING, CLAY-RICH TILL					
6.1	59.7		WAVY BANDED LIMESTONE, APPROX 50% calcareous beds nodular (boudined) and 50% shaly layers, calcareous beds vary from 40% - 60% of rock. Core angles consistent at 70°-60° Good core recovery (99%). Core pieces from 5cm to 30 cm. AT 58m shaly component increasing to 70% Isolated blebs pyrite (<1%) from 52m - 59.7m.					
59.7	61.1		CALCAREOUS SHALE, cherty, thin-bedded, alternating light and dark layers (<1mm to 3cm), core angles 80°-60° 60.0-60.2 major shear zone - Breccia zone at 30° to core axis.					
61.1	66.9		ANDESITE FLOW, dk grey, fg, a few small clasts (< 0.5cm) cut by quartz and chert stringers, 0.5cm to 2cm wide, locally pyrite on quartz veinlet margin. Flow becomes pale grey, in color with abundant pale green amygdules (0.2 - 0.5 cm) Larger pale green clasts to 2cm; quartz amygdules form up to 20% of rock. From 62.9 - 63.7 num black chert filled hairline fractures. Rusty zone from 65.2-65.4; rusty hairline fractures and 2cm rusty qtz veinlet.					
66.9	84.5		TUFF BRECCIA (possibly Flow breccia) heterolithic, predom. light grey - dark grey volcanic clasts up to 5cm in dia, chert filled spaces between clasts, a few dark chert, clasts and light pale green clasts, rusty margins to some clasts; irregular quartz-carb veinlets up to 2cm wide make up ±5% of rock. Locally rose-colored rounded forms in clusters; irregular quartz + black chert(?) veining from 75.3 - 76.9 72.3 - 72.6 Shear zone at 30° to core axis, rusty gouge 76.9 - 77.7 " " " " " " " 78.4 - 78.7 " " 84.0 - 84.2 Shear zone, rusty, muddy gouge at 70° to core axis					
84.5	84.7		GRAPHITIC, RUSTY SHEAR ZONE, at contact with DOLOMITIC LIMESTONE.					
84.7	92.0		DOLOMITIC LIMESTONE, mottled Lt grey and med grey, granular,					

DRILL LOG HOLE NO. J-95-3

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS Pb %	Zn %	Ag (oz/t)
			massive, local patches of rusty iron carbonate(?)							
			Rusty pitted zone from 91.6 – 91.8; positive Zinc reaction							
92.0	97.2		CALCAREOUS SILTSTONE, thin bedded, lt grey, locally pyritic with up to 30% pyrite in a few thin beds up to 1 cm wide, individual beds vary from 0.1 cm to 3 cm; core angles consistent at 60°; locally graded bedding (tops up hole)							
			95.7 – 95.8 shear zone, muddy gouge							
97.2	97.7		CHERTY LIMESTONE; dark grey, massive; reacts to HCl.							
97.7	98.3		MAJOR SHEAR ZONE, muddy gouge							
98.3	99.7		CHERT, dark grey, locally brecciated							
			98.8 – 99.0 Shear zone, muddy gouge							
99.7	100.6		DOLOMITE, cherty sections, mottled breccia textures, lt-med grey							
100.6	101.6		CHERT; dark grey, massive							
101.6	104.8		DOLOMITE; cherty, blotchy, brecciated texture; locally vuggy.	96774	102.6	103.5	0.9	<0.01	0.13	0.01
			5 cm chert layer at contact with lower limestone unit.	96775	103.5	103.8	0.3	<0.01	1.46	<0.01
			Positive zinc reaction in vuggy section from 103.5 – 103.8 (30cm)	96776	103.8	104.3	0.5	<0.01	0.06	<0.01
104.8	117.0		LIMESTONE; crypto grained, locally vugs, a few vugs contain minor sphalerite. Locally patches of lt brown iron carbonate.							
117.0			END OF HOLE							

DRILL LOG HOLE NO. J-95-4

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED
MEL		90° (GRID EAST)	AUG 13, 1995
PROJECT	LOT & CONC.	DIP −60°	DATE COMPLETED AUG 14, 1995
CLAIM NO. SAM 44	CO-ORDINATES. 142+00N	LENGTH 104.8 m	DRILLED BY D.J. DRILLING
GRID NO.	650W	COLLAR ELEV.	LOGGED BY H.L. KING

CORRECTED DIP TESTS			
8m	−60°		
105m	−58°		

LOCATION SKETCH OF HOLE

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
			OBJECTIVES:-					
0	6.1		CASING					
6.1	32.8		WAVY BANDED LIMESTONE, Lt-med grey, typical nodular boudinied structure to light grey carbonate layers, making from 40% to 60% of rock; From 21.5–25.5 shaly component predominates with up to 70%. Core angles consistent 60°–70°; core pieces 5cm–20cm, 99% core recovery.					
32.8	35.4		CALCAREOUS SHALE, locally up to 20% carbonate layers, core angles 70°–80°					
35.4	42.9		ANDESITIC FLOW, pale grey-green, 9% amygdules up to 2mm, some rounded, some angular (crystalline) compose up to 20% of rock. Flow becomes med to dark green in color (gradual change) from 37.8 to 41.6m. Then turns pale green to 42.9. A few calcite-hematite(?) grey to purple-mauve colored veinlets 0.2cm to 2cm thick from 37.9 to 42.9. The entire section is carbonatized (reacts weakly to HCL)					
42.9	43.9		TUFF BRECCIA (possibly FLOW Breccia), sub-rounded clasts up to 3cm dia., cemented in part by chert and minor quartz. one large thinly laminated chert clast 5cm in dia.					
43.9	53.0		ANDESITE FLOW, carbonate-rich, pale grey-green, in gradational contact with TUFF BRECCIA (FLOW BRECCIA), becomes dark green at about 46m; a few narrow calcite-hematite(?) veinlets up to 0.5cm. From 51.5–53.0 gradational color change from dark green to pale green. Pale green sections do not react to HCl.					
53.0	58.3		TUFF BRECCIA; med-dk grey, mottled texture, predom. volcanic clasts, rounded to sub-angular, up to 10cm in diam; a few chert clasts, in places clasts cemented by quartz-dolomite					
58.3	62.2		ANDESITE FLOW(?) pale green, 20% quartz amygdules, some angular crystalline quartz (<1mm); a few quartz-hematite, reddish colored veinlets up to 1cm. 60.6–61.7 Highly fractured zone, locally quartz-pyrite veinlets up to 1cm thick					
62.2	63.9		TUFF BRECCIA (FLOW BRECCIA) Lt gy-green, predom. amygdaloidal,					

DRILL LOG HOLE NO. J-95-4

METRES FROM	METRES TO	SECTION	DESCRIPTION
			Light buff-green clasts, a few darker grey amygdaloidal clasts, quartz and dolomite filling some space; clast size from 0.5cm to 3cm
			62.3–62.5 Fracture and Shear Zone
			63.0–63.2 Shear Zone
63.9	69.6		DOLOMITE, Cherty, mottled light grey-dark grey, locally breccia textures, a few minor dissem grains pyrite and sphalerite, locally graphitic shears.
69.6	70.2		LIMESTONE, bedded, 1 to 3cm layers, dark grey partings. core angles at 60°
70.2	75.1		CALCAREOUS SILTSTONE, thin bedded, locally well developed graded bedding and load cast structures (tops up hole) sections with up to 10% pyrite within 1–3cm beds. Core angles 60°
75.1	76.6		DOLOMITIC CHERT, dark grey-lt gy mottled texture.
76.6	81.6		MINERALIZED CHERT; coarse grained sphalerite, lt-med reddish-brown in chert matrix; faintly bedded to 77.2m.
			76.6–77.2 5% sphal.
			77.2–77.4 well mineralized with c.g. sphalerite xals up to 2cm dia est 50% sphal.
			77.4–78.1 irregular blebs & stringers sphalerite est @ 3% sphal.
			78.1–79.0 Coarsely xalline sphalerite in chert; est 25% sphal.
			79.0–79.35 Dissem sphalerite in chert; est. 2% sphal.
			79.35–80.0 Very c.g. sphalerite in chert, est 30% sphal.
			80.0–81.1 A few coarsely xalline masses of sphalerite in chert est 3% sphal.
			81.1–81.6 Very c.g. sphalerite in irregular masses in chert est 20% sphal.
81.6	104.8		LIMESTONE, cryptograined, lt gray, a few dk grey, mud (shale) filled voids ≤ 5% of rock mass. Hairline fracture set (healed) from 86.1–85.0.
			88.2–88.5 Calcareous sediment, f-g. med grey.
			94.5–95.1 Fracture zone
			95.7–96.6 Fracture zone
104.8			END OF HOLE

SAMPLE NO.	FROM	TO	LENGTH (m)	ASSAYS Pb %	Zn %	Ag (oz/t)
96751	76.1	76.6	0.50	<0.01	0.03	<0.01
96752	76.6	77.2	0.40	0.01	4.71	0.01
96753	77.2	77.4	0.20	0.10	39.66	0.04
96754	77.4	78.1	0.70	0.01	2.80	0.01
96755	78.1	79.0	0.90	0.01	17.09	0.01
96756	79.0	79.35	0.35	<0.01	1.91	0.01
96757	79.35	80.0	0.65	0.02	3.92	0.01
96758	80.0	81.1	1.10	0.02	3.87	<0.01
96759	81.1	81.6	0.50	0.01	29.77	0.01
96760	81.6	82.1	0.50	<0.01	0.26	<0.01
WT'D. AV.	76.6	81.6	5.0 m		9.9% Zn	
EST. TRUE WIDTH			4.7 m			

DRILL LOG HOLE NO. J-95-5

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED
MEL		0°	AUG 14, 1995
PROJECT	**LOT & CONC.**	**DIP**	**DATE COMPLETED**
		-90°	AUG 17, 1995
CLAIM NO.	**CO-ORDINATES.**	**LENGTH**	**DRILLED BY**
SAM 44	1427+00N	139 m	D.J. DRILLING
GRID NO.	650W	**COLLAR ELEV.**	**LOGGED BY**
			H.L. KING

CORRECTED DIP TESTS			
7.6m	88°		
49.0m	88°		

LOCATION SKETCH OF HOLE

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
			OBJECTIVES:-					
0	6.1		CASING					
6.1	56.1		WAVY BANDED LIMESTONE, typical wavy structure with stretched nodules of carbonate set in calcareous shale; shaly fraction makes up 50% - 60%. Generally good core; Locally fractured sections, core pieces range from 5cm to 50cm. Highly fractured from 50.6-52.1, Locally brecciated + sheared from 55.8 - 56.2; core angles 20° - 40° (at 35m).					
56.1	58.4		CALCAREOUS SHALE, dark grey, thin bedded; core angles 35° - along core - 25°					
58.4	60.0		TRANSITION ZONE of graphitic shale and limestone made up of fossil fragments (<1 mm to 2cm).					
60.0	64.4		ANDESITE FLOW, pale green, amygdaloidal; highly fractured from 63.8 - 66.4					
64.4	68.6		TUFF BRECCIA (FLOW BRECCIA?) AND CHERT; Lt grey, Large blocks of amygdaloidal andesite/dacite set in hematitic chert. At 66.9, a 2cm shear at 40° to core axis					
68.6	85.3		MAFIC FLOW, pale green to dark green, Locally pale green pyrite(?) coated fractures. Highly fractured sections 78.0 - 79.0 and 81.5 - 83.0 and 84.0 - 85.3					
85.3	85.5		MAFIC DIKE, olive green, f.g. contact at 45°					
85.5	93.0		MAFIC FLOW, med to dark green, becoming pale green within 1m of contact with tuff breccia.					
93.0	102.2		TUFF BRECCIA (FLOW BRECCIA?) predom Large subrounded clasts of f.g. amygdaloidal flow, reaction rims around many of the clasts, Locally hematitic avoid to irregular shapes up to 1cm in dia. but generally < 0.5cm in chert ash matrix. Graphitic from 101.2 - 102.0. Pyritic from 98.7 - 99.0 and from 99.8 - 100.4					
102.2	107.8		DOLOMITE, siliceous, mottled Lt gy - dk grey Texture; brecciated & cemented with quartz from 105.6 - 107.8					
107.8	111.2		DOLOMITE, siliceous, crystalline, salt + pepper texture, med grey,					
111.2	120.5		SILTSTONE, volcaniclastic, thin bedded, Lt grey; beds from < 0.5cm to 3cm; graded bedding (tops up hole), Locally thin chert beds 0.5 to 2cm, with black chert filled hairline fractures at right angles to bedding.					

DRILL LOG HOLE NO. J-95-5

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH(m)	ASSAYS EST SPHAL	Cu %	Pb %	Zn %	Ag (oz/t
			bedding at 45° - 40°									
			2 cm mud shear at 120.5	96775	120.0	120.5	0.50	—	—	<0.01	1.46	<0.01
120.5	122.4		DOLOMITE, silicified, med grey, locally brecciated; a 20cm section of 10% sphalerite, c-g. up to 1cm dia.	96778	120.5	120.7	0.20	10%	0.035	<0.01	6.28	0.01
				96779	121.9	122.4	0.50	—	0.045	<0.01	0.08	<0.01
122.4	123.4		MINERALIZED DOLOMITE, silicified, 20% quartz masses;	96780	122.4	123.0	0.60	5%	0.010	<0.01	3.28	<0.01
			dissem c.g. sphalerite, reddish-light brown with honey colored	96781	123.0	123.8	0.80	35%	0.166	<0.01	27.47	0.06
			centers, xals up to 2cm in diam; Sphalerite occurs as dissem grains									
			& c.g. xalline masses (some large c.g. clusters) Est: 5% sphalerite									
123.4	123.8		MINERALIZED VOLCANIC ASH?, vague layering; sphalerite, c.g.,									
			occurs in 1 to 2 cm quartz-chert layers interbedded with ash(?) f.g.									
			Sphalerite is very coarsely xalline (Av. 1cm xals); crude layering									
			at 35° - 40° to core axis. Est 35% sphalerite									
123.8	124.7		WEAKLY MINERALIZED VOLCANIC ASH?; f.g. med grey; <1% sphalerite	96782	123.8	124.7	0.90	~1%	0.016	<0.01	0.24	<0.01
			in a few dissem grains. Core angles at 45°									
124.7	125.6		MINERALIZED VOLCANIC ASH; 1-3cm sphalerite-rich layers (crude	96783	124.7	125.6	0.90	35%	0.127	0.01	24.83	0.05
			layering) with xals up to 2cm dia. Layering at 45°-50°									
			Est: 35% sphalerite. Minor chalcopyrite in blebs up to 1cm dia									
			set within larger clusters of c-g. sphalerite, Est 1 to 2% chalcopyrite									
125.6	128.1		MINERALIZED CHERT; heavily veined with quartz, locally brecciated,	96784	125.6	126.6	1.00	15%	0.024	<0.01	10.23	0.01
			dissem to large 3cm diam masses of c-g. sphalerite and minor	96785	126.6	127.3	0.70	5%	0.017	<0.01	11.29	<0.01
			pyrite (<1%). Good quality core; 10cm-30cm pieces. Sections up to	96786	127.3	128.1	0.80	30%	0.054	<0.01	21.37	0.03
			50% sphalerite over 10 cm: Est entire section contains 30% sphalerite.									
128.1	128.4		WEAKLY MINERALIZED DOLOMITE, silicified, one 3cm layer of	96787	128.1	128.4	0.30	5%	0.002	<0.01	0.53	<0.01
			c-g. sphalerite and finer-grained pyrite at 128.3; Est: 5% sphalerite									
128.4	130.3		DOLOMITE, silicified, locally brecciated	96788	128.4	128.9	0.50	—	0.002	<0.01	0.18	<0.01
			LOST CORE: 129.2 - 129.8 (0.6 m)									
130.3	130.6		VOLCANIC ASH?, dark grey, calcareous, thin-bedded, broken & contorted	W/D AV.	120.5	128.1	7.6m				10.92	
			beds; core angles 70° - along core - 60°	(OR	123.0	128.1	5.1m				15.64)	
130.6	139.0		LIMESTONE, lt-gy, cryptocrystalline, locally thin bedded, pyritic									
			mud-filled voids up to 10 cm core length, probably comprise 5%									
			of rock. From 130.85 - 131.15 pyritic mud filled void; est 5% pyrite									
139.0			END OF HOLE									

DRILL LOG HOLE NO. J-95-6

PROPERTY: MEL	TP OR AREA: OTTER CREEK 95-D-6	AZIMUTH: 90° (GRID EAST)	DATE STARTED: AUG 18, 1995	CORRECTED DIP TESTS
PROJECT:	LOT & CONC.	DIP: -60°	DATE COMPLETED: AUG 19, 1995	
CLAIM NO.: SAM 46	CO-ORDINATES: 144+00N	LENGTH: 87.2 m	DRILLED BY: D.J. DRILLING	
GRID NO.: SAM 46	650W	COLLAR ELEV.	LOGGED BY: H.L. KING	

LOCATION SKETCH OF HOLE

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
			OBJECTIVES:-					
0	3.3		CASING					
3.3	10.4		WAVY BANDED LIMESTONE, 60% calcareous shale, 40% nodular carbonate; characteristic boudinage structure, some iron oxide staining along fractures and cleavage. Core angles about 70°; core is locally fractured, av. 10cm pieces					
10.4	11.0		CALCAREOUS SHALE, ltgrey, thin bedded, core angles at 60°					
11.0	11.25		CALCAREOUS ZONE, contorted layers, carbonate, poss shell fragments,					
11.25	36.5		MAFIC FLOW; pale green-grey to 14m, then med-dark green, cut by num quartz-chert veinlets, upto 2cm wide, iron staining along fractures to 19m; carbonatized (reacts w. HCl) where pale green.					
			13.2-13.3 Major shear zone, muddy gouge at 70°-80° to core axis					
			15.2-20.4 Highly fractured zones, locally up to 50% core loss					
			23.6-29.0 " " " " " "					
			From 29.0 better quality core, less fractured.					
36.5	37.4		TUFF BRECCIA (possibly Flow Breccia) Agnigene; f.g. ltgy, amygdaloidal flow fragments with cherty reaction rims, cemented by quartz-carbonate.					
37.4	38.4		LIMESTONE, light grey, indistinct layering at 65°; grades into f.g. ash tuff.					
38.4	39.0		ASH TUFF; calcareous from 38.4-38.6, ltgy, f.g, bedded; 60°-50° core angles					
39.0	45.5		DOLOMITE, silicified, mottled dkgy-ltgy texture; sections granular salt and pepper texture; locally stylolytic structures					
			39.0-40.9 Highly fractured zone					
			43.9-44.6 " " "					
45.5	46.0		LIMESTONE, faint layering, ltgy; in contact with volcaniclastic siltstone					
46.0	55.2		SILTSTONE (tuffaceous sediment) calcareous to 48.2m; thin bedded, locally coarser grained volcanic clasts, upto 1cm (Lapilli-sized). some sections very thin bedded (laminations of mm), good graded bedding (tops uphole) and cross bedding; coarser beds are pyritic with up to 10% pyrite over 10cm; in places thin massive pyritic layers up to 1cm. Core angles range from 50°-60° (generally 60°) some small scale folding to 30° core angles.					
			At 47.5m, 8cm mud gouge.					
55.2	57.3		DOLOMITE, med gy, mottled, cut by 5% irreg. quartz strgs					
			At 56.3m, 5cm mud gouge at 60° to core axis.					

DRILL LOG HOLE NO. I-95-6

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
57.3	58.6		ASH TUFF, v.f.g., lt grey, locally pyritic, up to 10% pyrite; vague bedding at 60°; at contact with underlying chert is a 10 cm layer of c.g. angular ash tuff clasts in dk grey chert matrix.					
58.6	59.0		CHERT, dk grey, cut by a few carbonate veinlets to 0.5 cm wide.					
59.0	60.1		DOLOMITE BRECCIA, silicified, locally fractured					
60.1	62.3		DOLOMITE, lt–med gy, sections salt + pepper texture, other sections brecciated, cut by irregular quartz or dolomite spar veinlets.					
62.3	62.5		LIMESTONE, lt gy, cryptograined					
62.5	63.5		SILTSTONE void filling in Limestone; f.g. Locally pyritic, thinbedded, core angles at 60°, slumping at base with core angles 30°–40°; stylolytic structure at limestone–siltstone contact. Contact at 40°					
63.5	87.2		LIMESTONE, lt grey, cryptograined, locally stylolytic structures, good core, pieces av. 20 cm. About 5% pyritic mud infilling voids up to 68.6; largest filled void is 15 cm of core.					
87.2			END OF HOLE					

DRILL LOG HOLE NO. J-95-7

PROPERTY: MEL	TP OR AREA: OTTER CREEK 95-D-6	AZIMUTH: 90° (GRID EAST)	DATE STARTED: AUG 19, 1995	CORRECTED DIP TESTS
PROJECT:	LOT & CONC.	DIP: -60°	DATE COMPLETED: AUG 20, 1995	
CLAIM NO.: SAM 46	CO-ORDINATES: 152+00N	LENGTH: 50.6 m	DRILLED BY: D-J. DRILLING	
GRID NO.:	650W	COLLAR ELEV.	LOGGED BY: A.L. KING	

LOCATION SKETCH OF HOLE

METRES FROM	METRES TO	SECTION	DESCRIPTION
			OBJECTIVES:-
0	6.1		CASING
6.1	42.5		DOLOMITE, light grey, f-g, equigranular.
42.5	44.0		DOLOMITIC LIMESTONE; Transition from limestone to dolomite. Locally breccia structure with spar filling spaces.
44.0	50.6		LIMESTONE, lt grey, crypto crystalline, minor amounts of mud-filled voids.
50.6			END OF HOLE.

SAMPLE NO.	FROM	TO	LENGTH

ASSAYS

DRILL LOG HOLE NO. J-95-8

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED
MEL	OTTER CREEK 95-D-6	90° (GRID EAST)	AUG 20, 1995
PROJECT	LOT & CONC.	DIP	DATE COMPLETED
		-60°	AUG 21, 1995
CLAIM NO.	CO-ORDINATES.	LENGTH	DRILLED BY
SAM 46	152+00N	75.3	D. J. DRILLING
GRID NO.	800 W	COLLAR ELEV.	LOGGED BY
			H. L. KING

CORRECTED DIP TESTS

LOCATION SKETCH OF HOLE

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
			OBJECTIVES:-					
0	7.9		CASING: GLACIAL TILL					
5.8	12.5		MAFIC FLOW, pale green, amygdaloidal, vesicles filled w. quartz & black chert. Highly fractured to 15.7m. Iron oxide staining along fractures.					
12.5	14.65		TUFF-BRECCIA & LAPILLI TUFF (POSSIBLY FLOW BRECCIA), clasts are subangular to rounded, derived from f.g. amygdaloidal volc flow, light grey, some clasts with pale green chilled margins.					
14.65	15.5		MAFIC FLOW, amygdaloidal, dark gy-black with white calcite amygdules (20%). Oxidized, muddy 1cm shear at contact w. limestone at 70°					
15.5	22.1		LIMESTONE, light grey, indistinct bedding, 1cm-3cm beds, some marked by stylolytic structures; Layering at 55°-60°					
22.1	25.7		TUFF BRECCIA (FLOW BRECCIA) grey-pale green clasts of amygdaloidal flow, locally dark grey matrix - possibly chloritic, clasts up to 3 cm dia.					
25.7	30.4		MAFIC FLOW, pale grey-green, amygdaloidal, very small amygdules filled w. chert(?) and quartz; carbonate vein from 32.1-32.4					
30.4	33.6		CALCAREOUS SILTSTONE, f.g. thin-bedded, locally coarse-grained beds (up to 5cm thick) of volcanic clasts; graded beds (tops up hole). Core angles at 60°					
33.6	34.9		LIMESTONE, vague bedding, in places marked by stylolytic structures spaced 2 to 3 cm.					
34.9	35.5		MAJOR SHEAR ZONE; muddy fault gouge & broken SILTSTONE clasts with core angles at 60°-70°					
35.5	37.2		DOLOMITE; lt gy, cut by quartz-calcite veinlets; a 2cm stringer of pyrite and a few specks pyrite at 136.0					
37.2	39.2		PORPHYRY DIKE?, lt gy, f.g. groundmass; feldspar? phenocrysts up to 0.3cm dia. angular to rounded. 5cm muddy shear at 39.2					
39.2	43.6		CHERT, dark grey, locally brecciated, cut and cemented by white quartz and dolomite veinlets and veins up to 20 cm From 93.2-43.6 lt grey-lt brown shale beds broken up (20% of rock) in brecciated chert; shale beds are pyritic; vfg pyrite					

DRILL LOG HOLE NO. J-95-8

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
43.6	75.3		LIMESTONE: Lt gy, cryptocrystalline, a few thin laminated shaly, pyritic void fillings to 49.5m.					
			51.7 - 52.3 Thin bedded pyritic mudstone, locally up to 20% pyrite, layering at 30°-40°					
			69.8 - 72.3 Coarse grained white calcite vein.					
75.3			END OF HOLE.					

DRILL LOG HOLE NO. SM-95-1

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED
MEL		270° (GRID WEST)	AUG 22, 1995
PROJECT	LOT & CONC.	DIP	DATE COMPLETED
		-60°	AUG 24, 1995
CLAIM NO.	CO-ORDINATES.	LENGTH	DRILLED BY
JEAN 8	85+00N	212.1 m	D.J. DRILLING
GRID NO.	10+035E	COLLAR ELEV.	LOGGED BY
			H.L. KING

CORRECTED DIP TESTS

105m	56°		
212m	55°		

LOCATION SKETCH OF HOLE

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
			OBJECTIVES:-					
0	6.1		CASING; CLAY-RICH TILL					
6.1	61.0		WAVY BANDED LIMESTONE, lt gy, carbonate layers (0.5-2 cm) comprise 70%; shale partings average 30%; typical wavy banded structure (boudinaged). Good quality core; 10-20 cm pieces rusty iron oxide staining along fractures and cleavage. massive limestone bed from 49.3-49.9. LOST CORE 19.0-20.1					
			core angles: 6.1-14 25°-along core					
			14-23 along core-30°					
			23-42 30°-10°-along core-20°					
			42-52 30°-40°-30°					
			52-58.5 10°-along core-30°					
			58.5-61 30°-40°					
61.0	78.3		WAVY BANDED LIMESTONE, as above but highly fractured zones locally muddy slips, quartz-carbonate veining (5cm-20cm veins) making 5%; Core pieces from 2cm-10cm.					
			Lost core: 68.0-70.7 25% lost					
			70.7-71.9 50% lost					
			72.4-78.3 10% lost					
			major Fault @ 76.0; 5cm fault gouge (muddy) at about 70° to core axis; minor amount of graphite					
			@ 76.6; 2 cm fault gouge, minor amounts of graphite					
			core angles:					
			61.0-62.0 small scale folding along core-45°					
			62.0-67.8 70°-40°-80°					
			67.8-75.0 70°-45°-50°-70°					
			75.0-78.3 70°-80°-30°-70°					
78.3	96.3		WAVY BANDED LIMESTONE; better quality core, pieces 5cm-40cm Graphitic, muddy shear at 79m (at 20° to core axis); 5 & 10% shaly partings					
			core angles:					
			78.3-85.5 50°-locally contorted (small scale folding)-45°					
			85.5-93.3 50°-60°-40°					
			93.3-96.6 50°-rolling along core-40°					

DRILL LOG HOLE NO. SM-95-1

METRES FROM	METRES TO	SECTION	DESCRIPTION
96.3	100.1		WAVY BANDED LIMESTONE; highly fractured and sheared, sections of small scale folding. Shearing generally at about 50°. core angles: 96.3–100.1 50°–70°–30° Locally contorted.
100.1	104.7		WAVY BANDED LIMESTONE; massive, dk gy, minor shale partings from 100.1–101.0; relatively unfractured core. Core angles: 20°–50°–40° – rolling along core – 70°
104.7	107.6		WAVY BANDED LIMESTONE; highly fractured zone, core angles: 60°–30°
107.6	119.9		WAVY BANDED LIMESTONE, up to 90% carbonate layers with 10% shale partings Core angles: Locally contorted – 40° – rolling along core – 60° – rolling along core – 30°
119.9	127.1		WAVY BANDED LIMESTONE, highly fractured zone; shearing at 10° and 80° core angles: 40° along core – 50° along core – 40°
127.1	212.1		WAVY BANDED LIMESTONE; 90% carbonate layers, 10% shale partings, good quality core, 10cm–40 cm pieces. 163.4–169.2 white calcite vein @ 10° to core axis 164.2–164.6 LIMESTONE bed; massive 175.6–175.9 Pyritic, lt–dk grey carbonate layer, locally brecciated; 20% pyrite over 30cm. From 196.9 – 210.5, Limestone beds at 196.9–197.2 197.9–198.4 207.0–207.3 209.1–209.4 209.6–210.5
			minor pyrite blebs at 209.6.
			core angles:
			127.1–136.5 30°
			136.5–145 20° – rolling along core – 10°
			145.0–148 10°
			148–167 30°–20°–30°–20°
			167–175.6 20°–10°–40°
			1766–190.8 50°–30°–40°
			190.8–203.3 40°–50°
			203.3–212.1 40°–60°–40°
212.1			END OF HOLE
		NOTE:	CASING LEFT IN HOLE.

SAMPLE NO.	FROM	TO	LENGTH

ASSAYS

DRILL LOG HOLE NO. SM-95-2

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED	CORRECTED DIP TESTS				LOCATION SKETCH OF HOLE
MEL	OTTER CREEK 95-D-6	270° (GRID WEST)	AUGUST 24, 1995					
PROJECT	LOT & CONC.	DIP -48°	DATE COMPLETED AUGUST 25, 1995	3m	-48°			
				105m	-49°			
CLAIM NO. JEAN 8	CO-ORDINATES. 85+00N	LENGTH 105.4 m	DRILLED BY D.J. DRILLING					
GRID NO. MAIN GRID	9+970E	COLLAR ELEV.	LOGGED BY H.L. KING					

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
			OBJECTIVES:-					
0	3.0		CASING: CLAY-RICH TILL					
3.0	14.5		LIMESTONE, cryptograined, light gy-med gy, minor shale partings, rusty staining along fractures & partings, a few carbonate (calcite) veins up to 10 cm wide; Shale partings (locally stylolytic) indicate core angles of 40°-30°; Traces pyrite from 12.3m - 14.3 (<1%) shears with minor gouge generally at 30°-40°					
14.5	29.5		LIMESTONE, as above but relatively unfractured. minor shale partings, a few sections with wavy banded structure. A rusty vug at 15.2m - negative Zinc reaction Traces pyrite (<1%) from 18.6-19.3. Core angles: 14.5-23.6 30°-10°; 23.6-29.5 10°-20°					
29.5	58.2		WAVY BANDED LIMESTONE; predom. carbonate layers and large nodules of carbonate, minor shale partings (<5%) provides poorly-developed wavy banded structure; carbonate beds up to 30cm of core length. Shears & Fracture zones: core angles: 29.5-58.2: 30°-rolling along core-20°-rolling along core-20° 37.0-37.5 Highly sheared and fractured, shears at 30° to core axis. AT 39.9 Rusty shear zone, minor fault gouge at 30° " " AT 41.4 Rusty shear zone at 20° to core axis					
58.2	61.0		LIMESTONE, massive, med-dk grey, cut by num quartz-carb veins and veinlets (5% of rock); Locally brecciated.					
61.0	89.7		WAVY BANDED LIMESTONE; med gy, poorly developed wavy structure, up to 5% shale partings, a few thin beds of massive limestone up to 5cm thick; Good core, 10-40 cm pieces. SHEAR ZONES: 61.0-61.9 Rusty shear at 10°, vuggy-carbonate veining. 79.8-80.1 shearing at 20° (parallel to wavy foliation) 81.1-86.7 Sheared and fractured zone; thin muddy shears with up to 1cm gouge; Some shears are weakly graphitic (82.1-83.9) Low angle shears at 10°-30° 85.5-85.8 rusty shear; rusty gouge; shearing at 90° Core angles: 61.0-75.0 10°-20°-along core-20°; 81.8-89.7 along core-30°-rolling along core 81.8-89.7 along core-30°-rolling along core					

DRILL LOG HOLE NO. SM-95-2

METRES FROM	METRES TO	SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
89.7	92.3		LIMESTONE BED; med-dk grey beds interlayered with lt gy layers 2 cm – 50 cm wide; minor shale partings (<5%). sections cut by num carbonate veinlets; layering at 30°-40°					
92.3	105.4		WAVY BANDED LIMESTONE; ltgy, 5% shale partings, blob of pyrite at 94.3. Core angles: rolling along core; – 30° Shear zones: 98.9 – minor shear @ 10°, Trace graphite 99.4 minor shear @ 0° Trace graphite 102.0 Rusty shear 3 cm wide, @ 40° 103.2 minor shear @ 20°, Trace graphite					

APPENDIX B

ASSAYER'S CERTIFICATES

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

ASSAY CERTIFICATE

International Barytex Res. Ltd. File # 95-3034

520 - 470 Granville St., Vancouver BC V6C 1V5

SAMPLE#	Pb %	Zn %	Ag oz/t
D 96751	<.01	.03	<.01
D 96752	.01	4.71	.01
D 96753	.10	39.66	.04
D 96754	.01	2.80	.01
D 96755	.01	17.09	.01
D 96756	<.01	1.41	.01
D 96757	.03	29.85	.01
D 96758	.02	3.92	.01
RE D 96758	.02	3.87	<.01
RRE D 96758	.02	3.88	<.01
D 96759	.01	29.77	.01
D 96760	<.01	.26	<.01
STANDARD R-1	1.32	2.37	2.90

1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.
- SAMPLE TYPE: CORE
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 22 1995 DATE REPORT MAILED: Aug 30/95 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

ASSAY CERTIFICATE

International Barytex Resources Ltd. File # 95-3171 Page 1

520 - 470 Granville St., Vancouver BC V6C 1V5 Submitted by: H.L. King

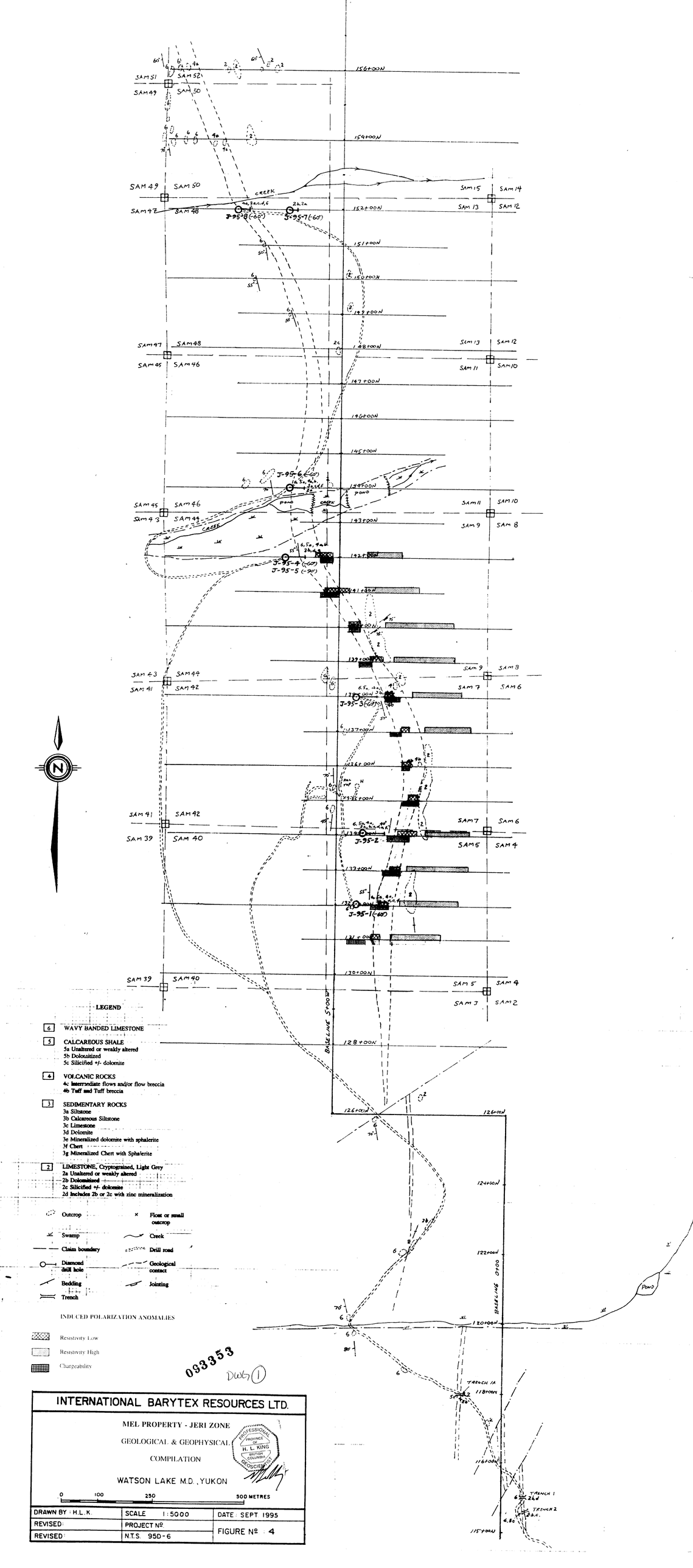
SAMPLE#	Cu %	Pb %	Zn %	Ag oz/t
D 96761	-	<.01	.08	<.01
D 96762	-	<.01	3.59	.02
D 96763	-	<.01	.06	<.01
D 96766	-	<.01	.78	.01
D 96767	-	<.01	3.14	<.01
D 96768	-	<.01	.06	.01
D 96769	-	<.01	.06	<.01
D 96770	-	<.01	.15	<.01
D 96771	-	<.01	8.16	.01
D 96772	-	<.01	.12	.01
RE D 96772	-	<.01	.07	.01
RRE D 96772	-	<.01	.07	.01
D 96773	-	<.01	.53	<.01
D 96774	-	<.01	.13	.01
D 96775	-	<.01	1.46	<.01
D 96776	-	<.01	.06	<.01
D 96777	.149	.01	.03	.01
D 96778	.035	<.01	6.28	.01
D 96779	.045	<.01	.08	<.01
D 96780	.010	<.01	3.28	<.01
D 96781	.166	<.01	27.47	.06
D 96782	.016	<.01	.24	<.01
RE D 96782	.016	<.01	.15	<.01
RRE D 96782	.015	<.01	.15	<.01
D 96783	.127	.01	24.83	.05
D 96784	.024	<.01	10.23	.01
D 96785	.017	<.01	11.29	<.01
D 96786	.054	<.01	21.37	.03
D 96787	.002	<.01	.53	<.01
D 96788	.002	<.01	.18	<.01
STANDARD R-1	.832	1.23	2.46	2.72

1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.
- SAMPLE TYPE: CORE
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 29 1995 DATE REPORT MAILED: Sept 7/95 SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Au oz/t
D 96764	.001
D 96765	.001
RE D 96765	.001

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



LEGEND

- 6 WAVY BANDED LIMESTONE
- 5 CALCAREOUS SHALE
  - 5a Unaltered or weakly altered
  - 5b Dolomitized
  - 5c Silicified +/- dolomite
- 4 VOLCANIC ROCKS
  - 4c Intermediate flows and/or flow breccia
  - 4b Tuff and Tuff breccia
- 3 SEDIMENTARY ROCKS
  - 3a Siltstone
  - 3b Calcareous Siltstone
  - 3c Limestone
  - 3d Dolomite
  - 3e Mineralized dolomite with sphalerite
  - 3f Chert
  - 3g Mineralized Chert with Sphalerite
- 2 LIMESTONE, Cryptograined, Light Grey
  - 2a Unaltered or weakly altered
  - 2b Dolomitized
  - 2c Silicified +/- dolomite
  - 2d Includes 2b or 2c with zinc mineralization

- Outcrop
- Float or small outcrop
- Swamp
- Creek
- Claim boundary
- Drill road
- Diamond drill hole
- Geological contact
- Bedding
- Jointing
- Trench

INDUCED POLARIZATION ANOMALIES

- Resistivity Low
- Resistivity High
- Chargeability

093353

Dwg 1

INTERNATIONAL BARYTEX RESOURCES LTD.

MEL PROPERTY - JERI ZONE

GEOLOGICAL & GEOPHYSICAL

COMPILATION

WATSON LAKE M.D., YUKON

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — H. L. KING — GEOSCIENTIST

0 100 250 500 METRES

DRAWN BY : H.L.K.	SCALE 1:5000	DATE : SEPT 1995
REVISED:	PROJECT Nº.	FIGURE Nº 4
REVISED:	N.T.S. 950-6	

8200 N

8400 N

8600 N

8800 N

9000 N

9200 N

9400 N

JEAN 20

JEAN 18

JEAN 21

JEAN 19

LAKE

JEAN 18

JEAN 16

JEAN 19

JEAN 17

78-2
-45°

JEAN 16

JEAN 2

78-1
-60°

JEAN 1

JEAN 17

Sm 95-2

Sm 95-1

78-5
-50°

87-2 -60°
87-3 -85°

POND

87-1
-50°

JEAN 10

JEAN 8

JEAN 9

JEAN 7

LEGEND

- Drill hole location & No.
- Mineral claim post
- Access road or trail
- Lake or pond
- Creek
- Swamp

INDUCED POLARIZATION ANOMALIES

- Resistivity High
- Chargeability

N

Dwg @

INTERNATIONAL BARYTEX RESOURCES LTD.

MEL PROPERTY

SOUTH MAIN ZONE

093353

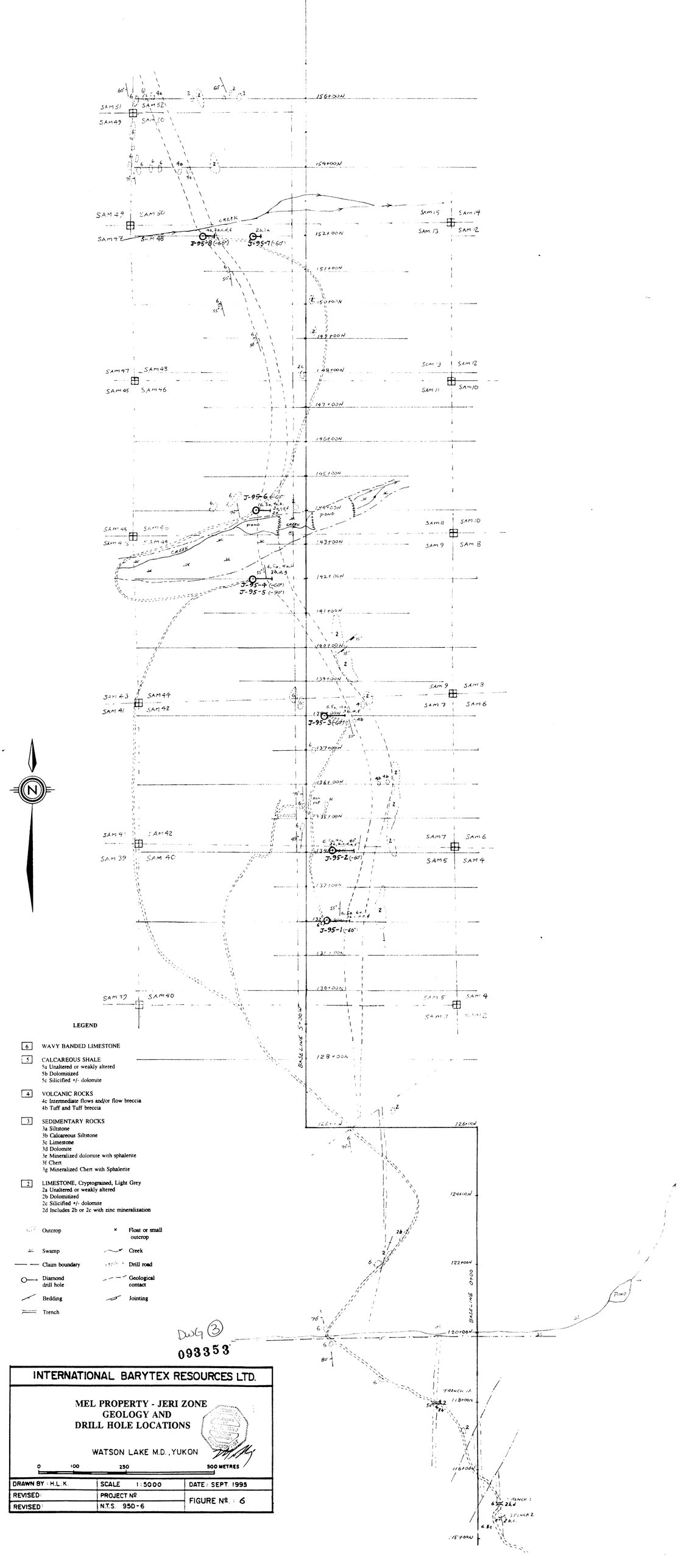
PLAN OF GEOPHYSICAL (I.P.) ANOMALIES

WATSON LAKE M.D., YUKON

0 20 100 200 METRES

DRAWN BY : H. L. K	SCALE 1:2500	DATE : SEPT. 1995
REVISED	PROJECT No.	FIGURE No. : 5
REVISED	N.T.S. 95D-6	

CHONG



LEGEND

- 6 WAVY BANDED LIMESTONE
- 5 CALCAREOUS SHALE
  - 5a Unaltered or weakly altered
  - 5b Dolomitized
  - 5c Silicified +/- dolomite
- 4 VOLCANIC ROCKS
  - 4c Intermediate flows and/or flow breccia
  - 4b Tuff and Tuff breccia
- 3 SEDIMENTARY ROCKS
  - 3a Siltstone
  - 3b Calcareous Siltstone
  - 3c Limestone
  - 3d Dolomite
  - 3e Mineralized dolomite with sphalerite
  - 3f Chert
  - 3g Mineralized Chert with Sphalerite
- 2 LIMESTONE, Cryptograined, Light Grey
  - 2a Unaltered or weakly altered
  - 2b Dolomitized
  - 2c Silicified +/- dolomite
  - 2d Includes 2b or 2c with zinc mineralization

Outcrop; Float or small outcrop; Swamp; Creek; Claim boundary; Drill road; Diamond drill hole; Geological contact; Bedding; Jointing; Trench

Dwg ③

093353

INTERNATIONAL BARYTEX RESOURCES LTD.

MEL PROPERTY - JERI ZONE
GEOLOGY AND
DRILL HOLE LOCATIONS

WATSON LAKE M.D., YUKON

0 100 250 500 METRES

DRAWN BY : H.L.K.	SCALE 1:5000	DATE : SEPT 1995
REVISED:	PROJECT Nº	FIGURE Nº. : 6
REVISED:	N.T.S. 95D-6	

8200 N

8400 N

8600 N

8800 N

9000 N

9200 N

9400 N

JEAN 20

JEAN 18

JEAN 21

JEAN 19

JEAN 18

JEAN 16

JEAN 19

JEAN 17

LAKE

SM-95-2

SM 95-1

POND

JEAN 10

JEAN 6

JEAN 7

JEAN 9

N

DWG (4)

093353

LEGEND

- 29 — Drill hole location
- Mineral claim post
- Access road or trail
- Lake or pond
- Creek
- Swamp
- 920 — Contour at 10m interva

INTERNATIONAL BARYTEX RESOURCES LTD.

MEL PROPERTY
SOUTH MAIN ZONE
DRILL HOLE PLAN

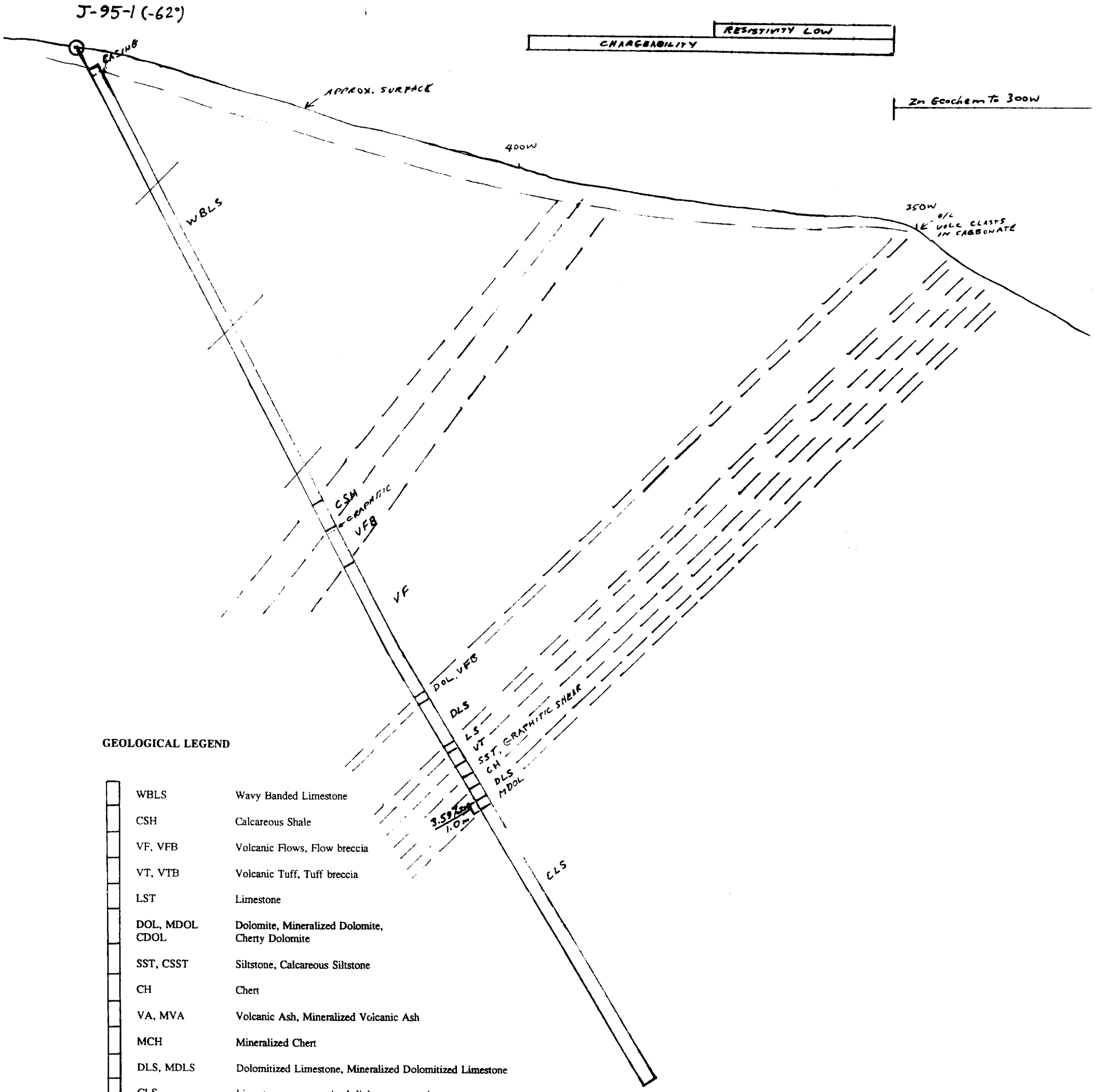
WATSON LAKE M.D., YUKON

0 20 100 200 METRES

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA H. L. KING GEOSCIENTIST

DRAWN BY : H. L. K	SCALE 1 2500	DATE : SEPT 1995
REVISED	PROJECT Nº	FIGURE Nº 7
REVISED	NTS 95D-E	

CHONG



GEOLOGICAL LEGEND

WBLS	Wavy Banded Limestone
CSH	Calcareous Shale
VF, VFB	Volcanic Flows, Flow breccia
VT, VTB	Volcanic Tuff, Tuff breccia
LST	Limestone
DOL, MDOL CDOL	Dolomite, Mineralized Dolomite, Cherty Dolomite
SST, CSST	Siltstone, Calcareous Siltstone
CH	Chert
VA, MVA	Volcanic Ash, Mineralized Volcanic Ash
MCH	Mineralized Chert
DLS, MDLS	Dolomitized Limestone, Mineralized Dolomitized Limestone
CLS	Limestone: cryptograined, light grey, massive

Structural Features :

Bedding, primary banding

Foliation

Fault, fracture void

ASSAY AVERAGES

% Zinc, % Lead, oz silver/ton

9.6 , 0.4 , 0.05

4.7 meters

093353

INTERNATIONAL BARYTEX RESOURCES LTD.

MEL PROPERTY - JERI ZONE

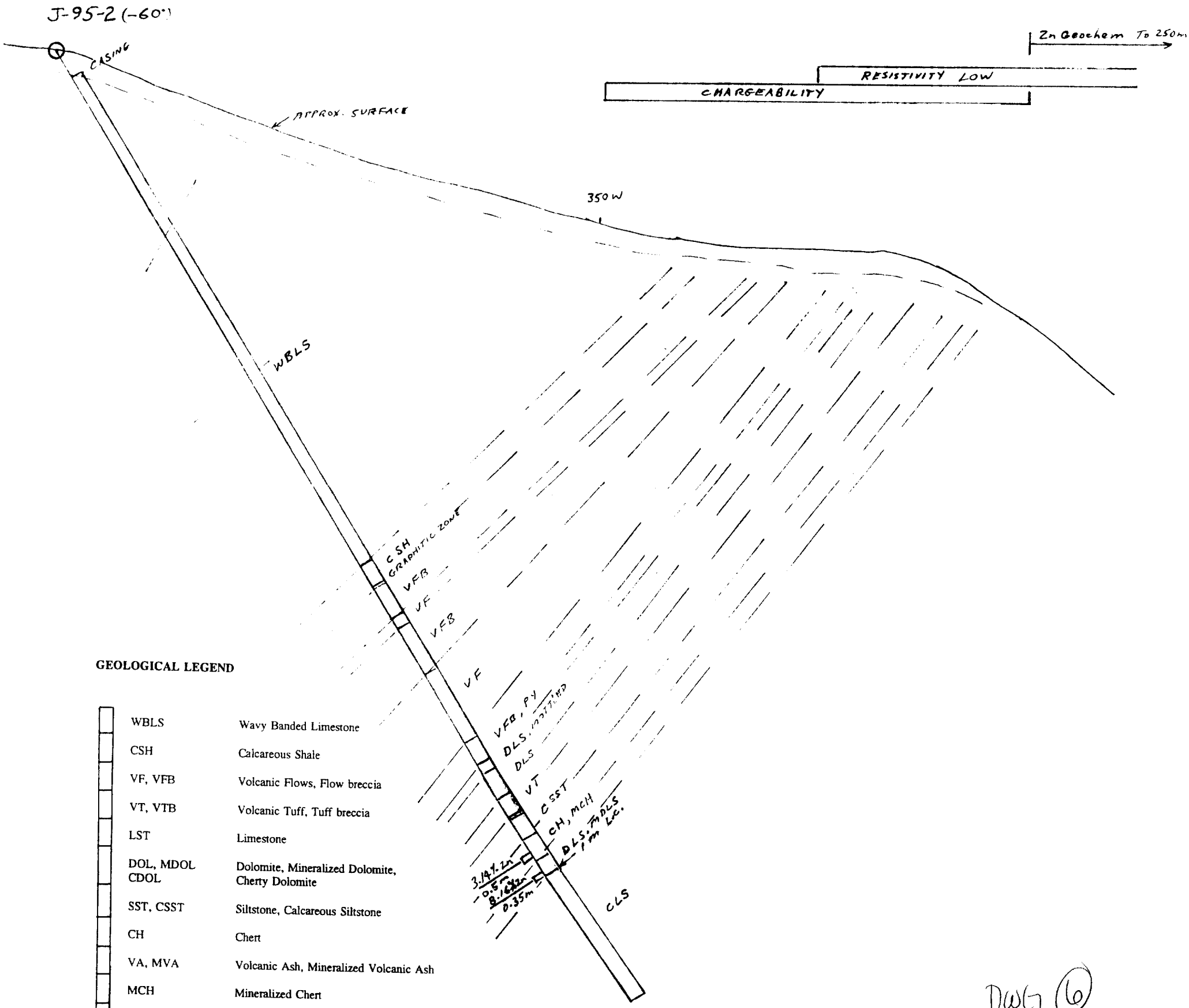
SECTION 132+00N

WATSON LAKE M.D., YUKON

0 15 meters

DRAWN BY : H.L.K.	SCALE 1 : 500	DATE : SEPT. 1995
REVISED:	PROJECT Nº :	FIGURE Nº. : 8
REVISED:	N.T.S. 95D-6	

DWG (5)



GEOLOGICAL LEGEND

WBLS	Wavy Banded Limestone
CSH	Calcareous Shale
VF, VFB	Volcanic Flows, Flow breccia
VT, VTB	Volcanic Tuff, Tuff breccia
LST	Limestone
DOL, MDOL CDOL	Dolomite, Mineralized Dolomite, Cherty Dolomite
SST, CSST	Siltstone, Calcareous Siltstone
CH	Chert
VA, MVA	Volcanic Ash, Mineralized Volcanic Ash
MCH	Mineralized Chert
DLS, MDLS	Dolomitized Limestone, Mineralized Dolomitized Limestone
CLS	Limestone: cryptograined, light grey, massive

Structural Features :

Bedding, primary banding

Foliation

Fault, fracture void

ASSAY AVERAGES

% Zinc, % Lead, oz silver/ton
9.6 , 0.4 , 0.05
4.7 meters

Dwg (6)

093353

INTERNATIONAL BARYTEX RESOURCES LTD.

MEL PROPERTY - JERI ZONE

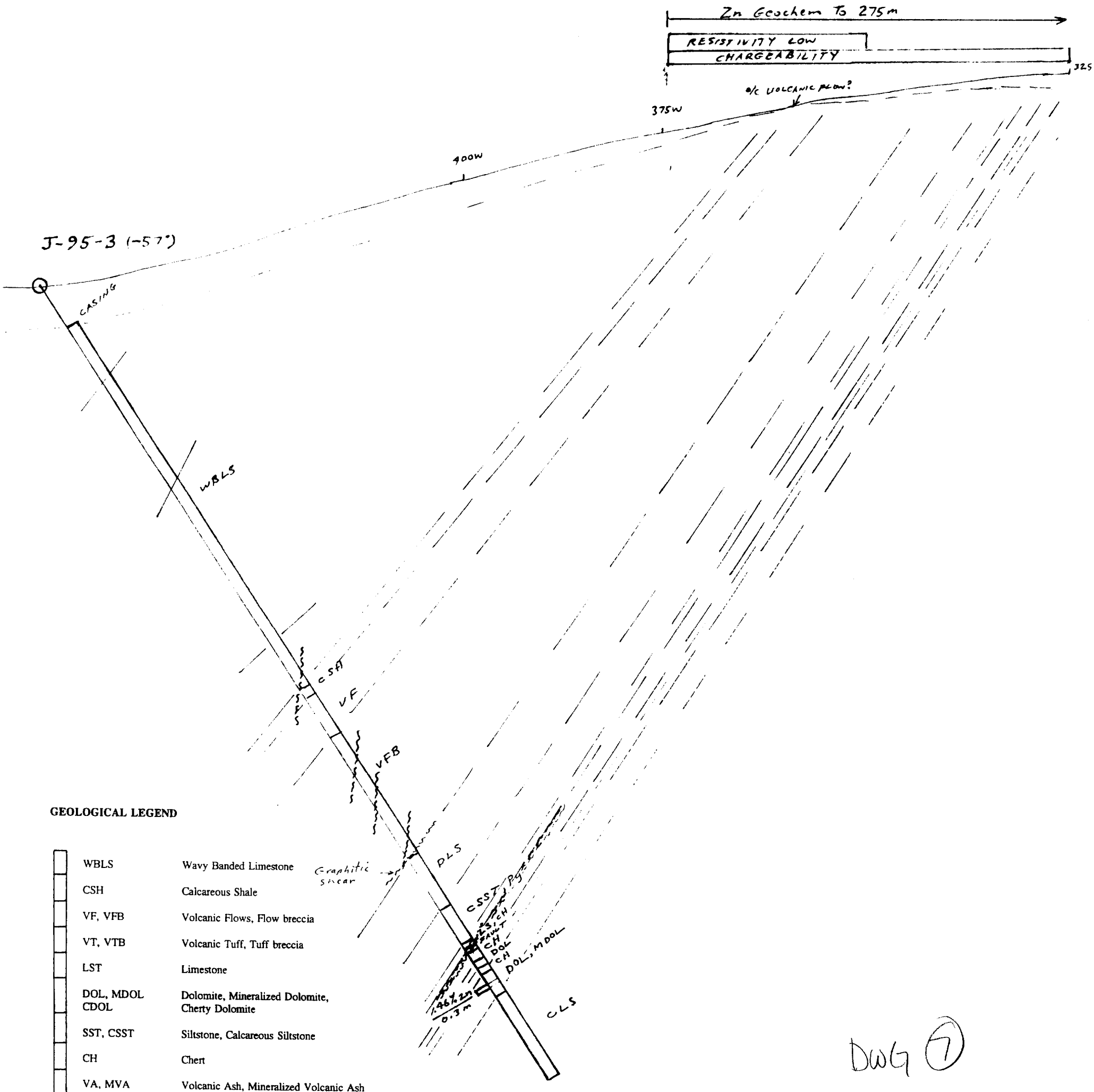
SECTION 134+00N

WATSON LAKE M.D., YUKON

0 15 meters

DRAWN BY : H.L.K.	SCALE 1: 500	DATE: SEPT. 1995
REVISED:	PROJECT NO :	FIGURE NO. : 9
REVISED:	N.T.S. 950-6	

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA H. L. KING GEOSCIENTIST



GEOLOGICAL LEGEND

WBLS	Wavy Banded Limestone
CSH	Calcareous Shale
VF, VFB	Volcanic Flows, Flow breccia
VT, VTB	Volcanic Tuff, Tuff breccia
LST	Limestone
DOL, MDOL CDOL	Dolomite, Mineralized Dolomite, Cherty Dolomite
SST, CSST	Siltstone, Calcareous Siltstone
CH	Chert
VA, MVA	Volcanic Ash, Mineralized Volcanic Ash
MCH	Mineralized Chert
DLS, MDLS	Dolomitized Limestone, Mineralized Dolomitized Limestone
CLS	Limestone: cryptograined, light grey, massive

Structural Features :

Bedding, primary banding

Foliation

Fault, fracture void

ASSAY AVERAGES

% Zinc, % Lead, oz silver/ton

9.6 , 0.4 , 0.05

4.7 meters

DWG 7

093353

INTERNATIONAL BARYTEX RESOURCES LTD.

MEL PROPERTY - JERI ZONE

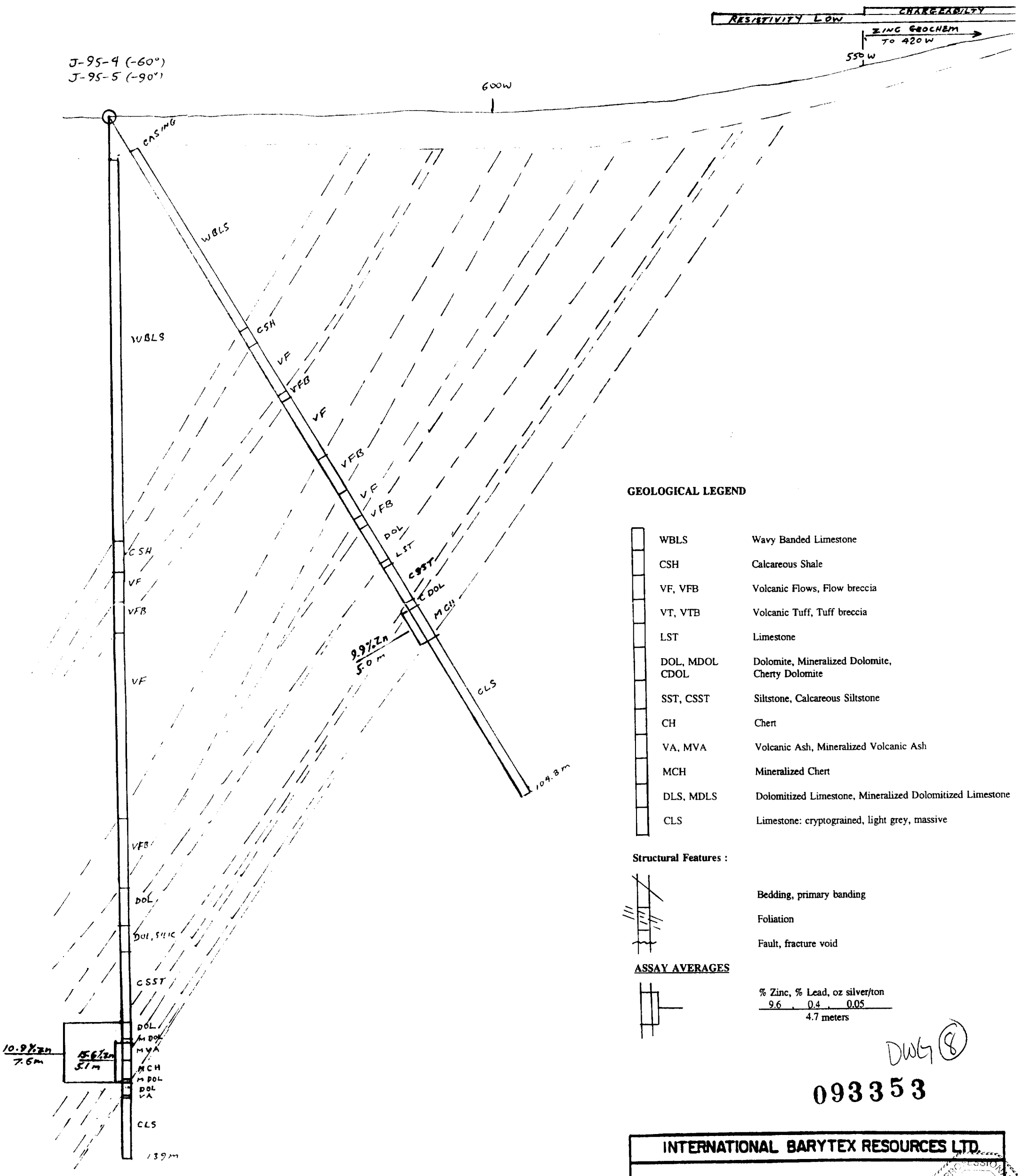
SECTION 138+00N

WATSON LAKE M.D., YUKON

0 25 meters

DRAWN BY : M.L.K.	SCALE 1: 500	DATE : SEPT. 1995
REVISED:	PROJECT NO :	FIGURE NO. : 10
REVISED:	N.T.S. 95D-6	

PROFESSIONAL GEOSCIENTIST PROVINCE OF BRITISH COLUMBIA M. L. KING



GEOLOGICAL LEGEND

WBLS	Wavy Banded Limestone
CSH	Calcareous Shale
VF, VFB	Volcanic Flows, Flow breccia
VT, VTB	Volcanic Tuff, Tuff breccia
LST	Limestone
DOL, MDOL CDOL	Dolomite, Mineralized Dolomite, Cherty Dolomite
SST, CSST	Siltstone, Calcareous Siltstone
CH	Chert
VA, MVA	Volcanic Ash, Mineralized Volcanic Ash
MCH	Mineralized Chert
DLS, MDLS	Dolomitized Limestone, Mineralized Dolomitized Limestone
CLS	Limestone: cryptograined, light grey, massive

Structural Features :

Bedding, primary banding

Foliation

Fault, fracture void

ASSAY AVERAGES

% Zinc, % Lead, oz silver/ton

9.6 , 0.4 , 0.05

4.7 meters

DWG (8)

093353

INTERNATIONAL BARYTEX RESOURCES LTD.

MEL PROPERTY - JERI ZONE

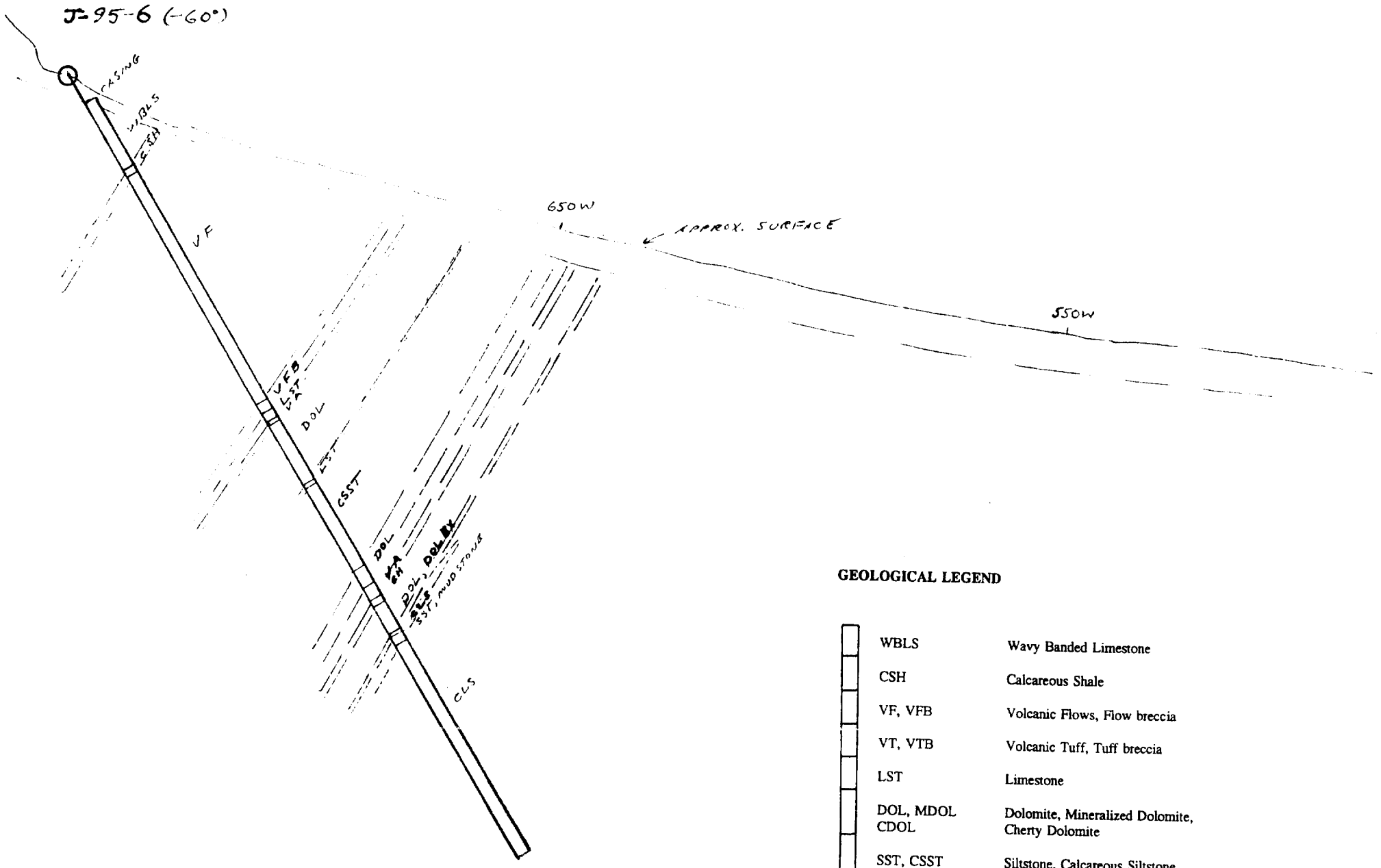
SECTION 142+00N

WATSON LAKE M.D., YUKON

0 10 meters

DRAWN BY : H.L.K.	SCALE 1 : 500	DATE : SEPT. 1985
REVISED:	PROJECT Nº :	FIGURE Nº. : //
REVISED:	N.T.S. 950-6	

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA H. L. KING GEOSCIENTIST



GEOLOGICAL LEGEND

WBLS	Wavy Banded Limestone
CSH	Calcareous Shale
VF, VFB	Volcanic Flows, Flow breccia
VT, VTB	Volcanic Tuff, Tuff breccia
LST	Limestone
DOL, MDOL CDOL	Dolomite, Mineralized Dolomite, Cherty Dolomite
SST, CSST	Siltstone, Calcareous Siltstone
CH	Chert
VA, MVA	Volcanic Ash, Mineralized Volcanic Ash
MCH	Mineralized Chert
DLS, MDLS	Dolomitized Limestone, Mineralized Dolomitized Limestone
CLS	Limestone: cryptograined, light grey, massive

Structural Features :

Bedding, primary banding

Foliation

Fault, fracture void

ASSAY AVERAGES

% Zinc, % Lead, oz silver/ton
9.6 . 0.4 . 0.05
4.7 meters

093353

DWG (9)

INTERNATIONAL BARYTEX RESOURCES LTD.

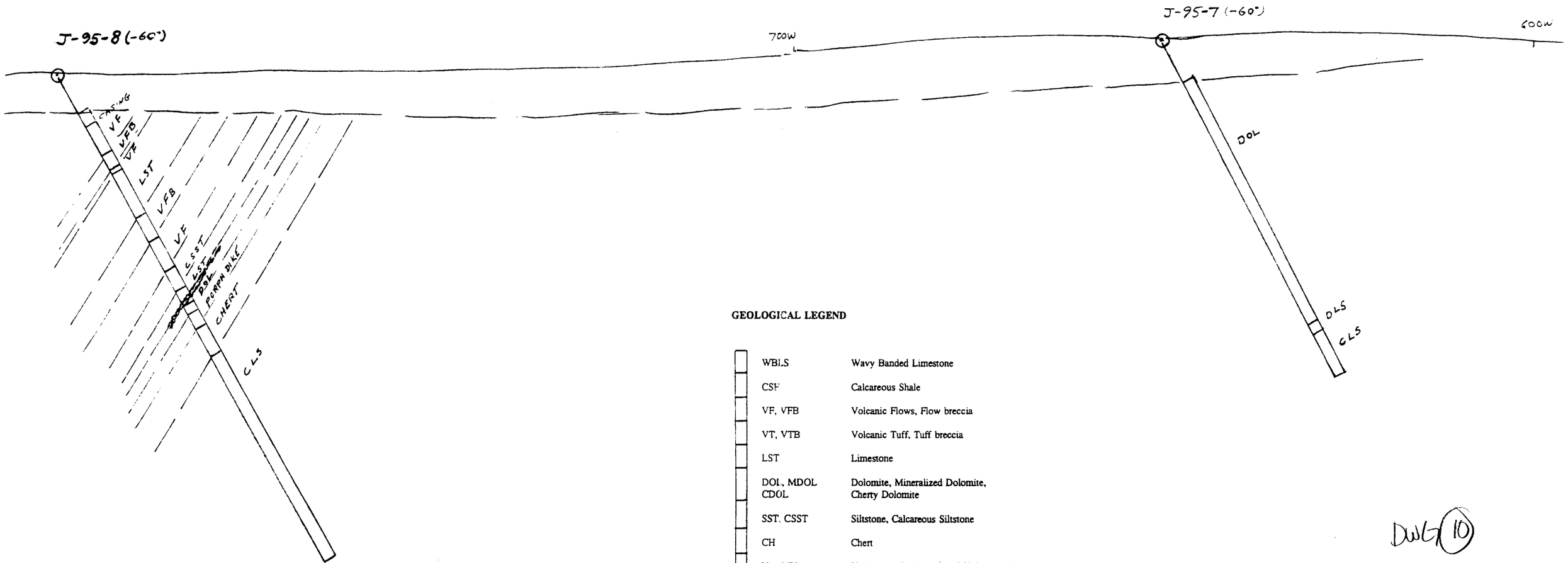
MEL PROPERTY - JERI ZONE

SECTION 144+00N

WATSON LAKE M.D., YUKON

0 — 25 meters

DRAWN BY : H.L.K.	SCALE 1 : 500	DATE : SEPT. 1985
REVISED:	PROJECT NO :	FIGURE NO. : 12
REVISED:	N.T.S. 950-6	



GEOLOGICAL LEGEND

WBLS	Wavy Banded Limestone
CSF	Calcareous Shale
VF, VFB	Volcanic Flows, Flow breccia
VT, VTB	Volcanic Tuff, Tuff breccia
LST	Limestone
DOL, MDOL CDOL	Dolomite, Mineralized Dolomite, Cherty Dolomite
SST, CSST	Siltstone, Calcareous Siltstone
CH	Chert
VA, MVA	Volcanic Ash, Mineralized Volcanic Ash
MCH	Mineralized Chert
DLS, MDLS	Dolomitized Limestone, Mineralized Dolomitized Limestone
CLS	Limestone: cryptograined, light grey, massive

Structural Features :

Bedding, primary banding

Foliation

Fault, fracture void

ASSAY AVERAGES

% Zinc, % Lead, oz silver/ton
9.6 , 0.4 , 0.05
4.7 meters

DWG 10

0933 093353

INTERNATIONAL BARYTEX RESOURCES LTD.

MEL PROPERTY - JERI ZONE

SECTION 152+00N

WATSON LAKE M.D., YUKON

0 15 meters

DRAWN BY : H.L.K.	SCALE 1: 500	DATE: SEPT. 1985
REVISED:	PROJECT NO :	FIGURE NO. : 13
REVISED:	N.T.S. 950-6	

GEOLOGICAL LEGEND

WBLS	Wavy Banded Limestone
CSH	Calcareous Shale
VF, VFB	Volcanic Flows, Flow breccia
VT, VTB	Volcanic Tuff, Tuff breccia
LST	Limestone
DOL, MDOL CDOL	Dolomite, Mineralized Dolomite, Cherty Dolomite
SST, CSST	Siltstone, Calcareous Siltstone
CH	Chert
VA, MVA	Volcanic Ash, Mineralized Volcanic Ash
MCH	Mineralized Chert
DLS, MDLS	Dolomitized Limestone, Mineralized Dolomitized Limestone
CLS	Limestone: cryptograined, light grey, massive

Structural Features :

Bedding, primary banding

Foliation

Fault, fracture void

Dwg (11)

093353

INTERNATIONAL BARYTEX RESOURCES LTD.

MEL PROPERTY

MAIN ZONE GRID

SECTION 85+00N

WATSON LAKE M.D., YUKON

0 15 METRES

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA H. L. KING GEOSCIENTIST

DRAWN BY : H.L.K.	SCALE 1 : 500	DATE : SEPT. 1995
REVISED:	PROJECT NO :	FIGURE NO. : 14
REVISED:	N.T.S. 950-6	