

Results of Prospecting and
Geochemical Sampling on the

IME GROUP (22 claims)

Alberni Mining Division

NTS 92F-2W

Lat. 49° 02', Long. 124° 52'

Owned and operated by

ISLAND MINING AND EXPLORATIONS CO. LTD.

900 - 475 Howe Street, Vancouver, B.C.

By H.J. Wahl P.Eng.

September 1980

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SUMMARY

This report, submitted for assessment credit on the IME Group of 32 claims, documents the results of prospecting, soil geochemical, and geological evaluation. Field work totals 14 days as performed by prospector/field technician Fred Crha, at various intervals during May - September 1980. The location of this work and the activities of Mr. Crha were inspected in the field by the writer during the period 5-8 September.

The IME Group, including 10 Crown Grants is situated in the Alberni Mining District, 29 kilometers south of Port Alberni, on the west side of Alberni Inlet. The claims are wholly owned by Island Mining & Explorations Co. Ltd. of Vancouver, B.C.

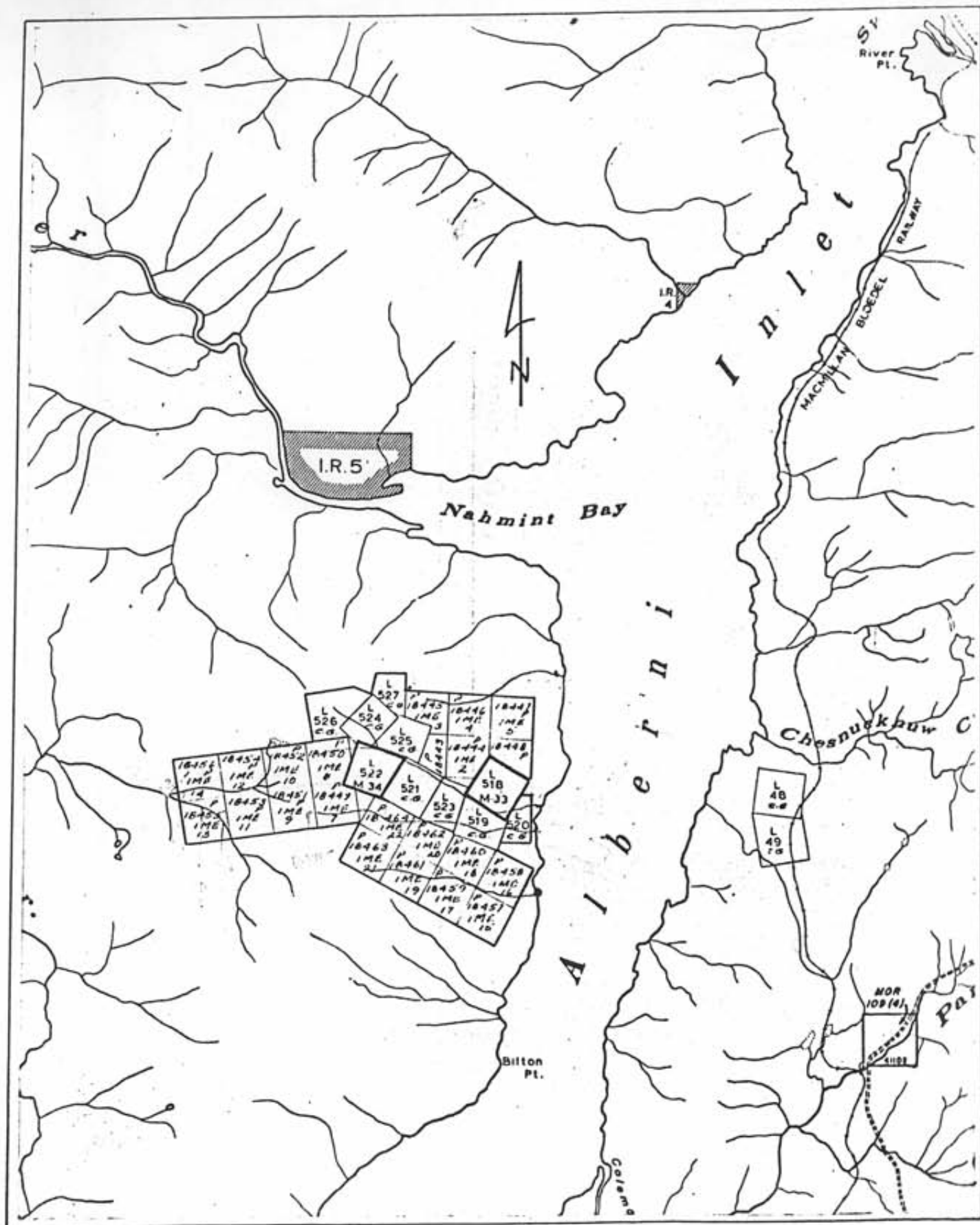
The property covers a former producing mine (1898 - 1901) known as the Hayes Mine. Hand cobbled ore at 14% Cu was extracted from over 5000 feet of underground workings from a contact metasomatic deposit found within an interformational limestone unit of the Triassic Karmutsen Group.

The objectives of the current work were to investigate the precious metal content of existing mineralization and to see if extensions of mineralization might be present. A total of 119 soil and 10 rock samples were collected along



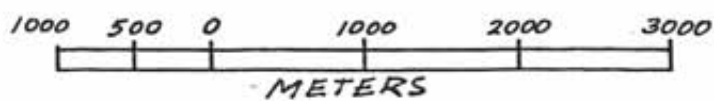
IME GROUP - GENERAL LOCATION MAP





IME GROUP - CLAIM LOCATION MAP

92F-2W



pace and compass lines, using standard procedures. Collected samples were assayed for Cu, Mo, Zn and Ag. The results for copper alone, appear to have significance. Several zones of 500 - 600 meter extent show moderately anomalous copper values, which may be subdued in terms of maximum metal content, due to possible calcareous glacial tills overlying a limestone bedrock.

To pursue the possibility of as-yet-undetected skarn zones, a program of line cutting, detail soil sampling, and magnetometer survey is proposed.

INTRODUCTION

This report documents the results of geochemical sampling and prospecting carried out by Prospector Fred Crha of Port Alberni, B.C., on the IME claims of Island Mining & Explorations Co. Ltd., during the summer of 1980.

LOCATION AND ACCESS (Figure 1 & 2)

The property is located in the Alberni Mining Division of central Vancouver Island, on the north side of the Alberni Inlet, 18 miles (29 km.) south of the town of Port Alberni. Specific details are:

NTS 92-F-2W
Longitude 124° 52'
Latitude 49° 02'

The claims lie alongside two small creeks some 2500 meters south of Nahmint Bay.

Access is by boat from Port Alberni, or from the China Creek Marina. Depending on weather conditions, the trip by small boat from the latter location takes about 40 minutes.

OWNERSHIP (Figure 2, Figure A-D)

The property consists of 22 located mineral claims, 8 Crown Grant claims, and 2 mining leases as follows.

Mining Leases: M-33, dated 5 August 1965, in the Clayoquot Land District, containing 51.65 Ac.

M-34, dated 5 August 1965, in the Clayoquot Land District, containing 48.4 Ac.

Crown Grants: Lots 519, 520, 521, 523, 524, 525, 526, and 527.

Located Claims: (Record date 12 Nov.)

Claim	Record No.	Claim	Record No.
IME-1	18443	IME-12	18454
2	18444	13	18455
3	18445	14	18456
4	18446	15	18457
5	18447	16	18458
6	18478	17	18459
7	18449	18	18460
8	18450	19	18461
9	18451	20	18462
10	18452	21	18463
11	18453	22	18464

All the above are beneficially owned by Island Mining & Explorations Co. Ltd., 900 - 475 Howe Street, Vancouver, B.C., V6C 2B3. The Company's FMC # is 195507, issued on 29 April 1980. All the above leases, Crown Grants, and located claims are in good standing as of the date of this report.

PHYSIOGRAPHY

The claims are located on steep slopes which drop off from a plateau surface west of the Alberni Canal, at elevations of 2,000-2,800 feet ASL. The small streams are incised

ravines, which in places drop precipitiously for several hundreds of feet. The entire area is thickly timbered, with occasional dense brush thickets on the lower slopes. The old workings on Lot 524 lie at elevation 1800 feet ASL. These workings are connected, in part by old trail, and sloughed cat road, to the beach.

HISTORY

The prospect was formerly known as the 3 J's claims and was operated from 1898 - 1901 as the Hayes Mine by the Nahmint Mining Co. This was a hand cobbing operation which shipped ore grading 14% Cu. Due to erratic ore grades and a sharp drop in the price of copper, the mine closed in 1901, and was later sold for salvage in 1910. The mine was reopened by W.G. Tanner & Assoc. in 1916, who tried a flotation process, however, there is no record that this was successful. In all, some 5000 feet of underground work has been completed here (mostly on Lot 524) prior to 1900. These workings are at present caved.

In recent times (early 1970's), line cutting and magnetometer work was reported, however there are no records in the assessment files relating to this.

GENERAL GEOLOGY

The property is situated within the Karmutsen formation of the Vancouver Group, which embraces all the volcanic and stratified rocks of the Insular Belt. This assemblage is a 7-12,000 foot-thick sequence of pillowed and amygdaloidal basalt flows of Middle to Upper Triassic Age.

These units are generally metamorphosed to the lower greenschist facies, except where converted to hornfels at intrusive granitic contacts.

Within the Karmutsen, a few hundred feet stratigraphically below its top, is generally found an intravolcanic limestone.

Structurally, the Karmutsen occurs in broad, open folds, which are block faulted by Tertiary tectonics.

CLAIM GEOLOGY

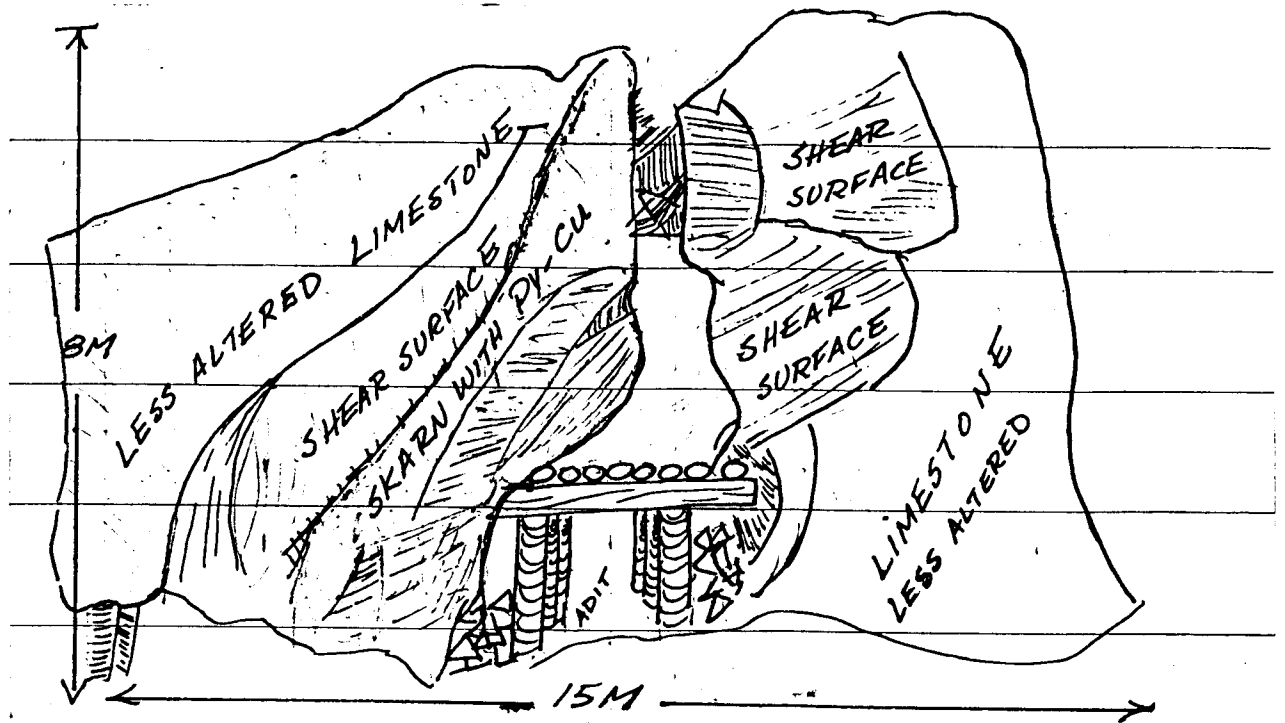
Rocks observed on the claims appear to be more dacitic or andesitic in composition. They show effects of faulting by way of variable fracture zones, silicification, and swarms of narrow 1-5 mm wide milky quartz veins, and occasional calcite veinlets. These veinlets average about 20-25 per meter: traces of disseminated pyrite are sometimes present.

Some of the dacitic rocks are porphyritic, with soda feldspar phenocrysts to 5 mm, the latter aggregating less than 10% of rock volume. Mafic minerals in the dacites are epidotized.

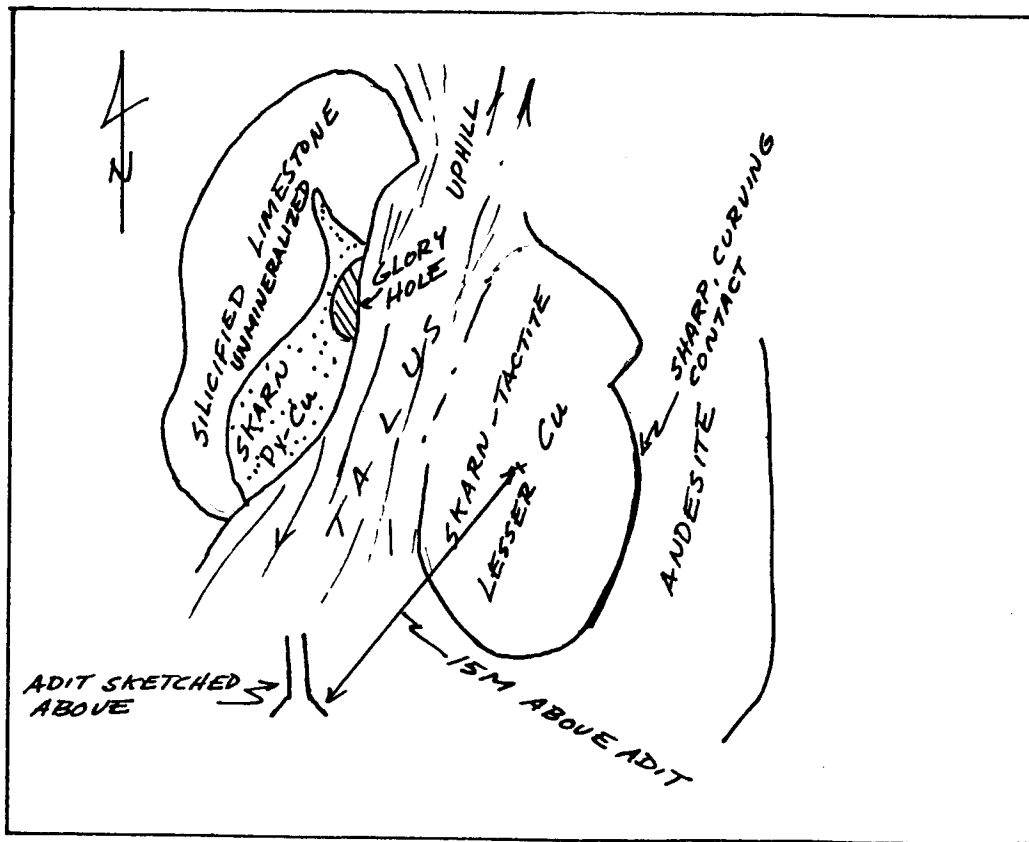
MINERALIZATION

At the lower adit in Lot 520, silicified, chloritized, and epidotized andesite is broken by irregular shatter zones of no apparent orientation, which contain pyrite and chalcopyrite.

The upper mineralized zone, where most of the previous mining occurred, is a massive quartz-pyroxene-actinolitic tactite with magnetite, pyrite, and chalcopyrite. Pyrite and chalcopyrite occur as (1) massive clots, (2) disseminations, and (3) as random stringers. The contact between tactite and unmineralized limestone is very sharp--good chalcopyrite may occur right at this interface. Overall, the magnetite content is not great, and the extent of the mineral bearing skarn or tactite is quite random. Old maps (1928) show the skarn as being related to an intrusive. No evidence of an intrusive was seen, rather a sharp, curving contact between skarn and andesite. If this is the interformational limestone unit, then mineralization could just as well have originated through contemporaneous volcanic processes.



LOT 524 UPPER ADIT- FIELD SKETCH, VIEW NORTH



LOT 524 - PLAN SKETCH ABOVE ADIT

A sketch of field relations is shown on Figure 3.

OBJECTIVES OF CURRENT WORK

The primary objectives of the current program were to see if there might be extensions of the copper-bearing zones, and to investigate the Au-Ag content of mineralized material.

METHOD OF OPERATION

Samples were collected along pace and compass traverse lines at approximately 70 meter intervals. Additionally, selected rock samples characteristic of the old workings were collected, as well from interesting exposures observed during traverses.

GEOCHEMICAL SURVEY (Figures A,B,C,D)

Soil Conditions: Three basic types of overburden are present: at lower elevations, say up to 70 m above present sea level, material present is a semi-stratified, water lain glacial deposit of partially rounded, multi-compositional pebbles and cobbles in a silty, clayey matrix. Above the stated approximate elevation, more normal unsorted glacial till is present. In addition to the foregoing, erosion along

the cat trail reveals scattered areas of cemented slope wash. Soil profiles of the "A" and "B" horizon category are well developed over the glacial material. With minor exception, all collected samples were taken from the "B" soil horizon, at general depths of 15-25 cm.

The maximum depth of overburden anticipated, would be 7 meters. Overall, rock exposure would amount to 15%-20% by area.

All collected samples were shipped to:

Chemex Labs Ltd.
212 Brooksbank Avenue
North Vancouver, B.C.
V7J 2C1

All soil samples were analyzed for Cu, Mo, Zn, and Ag by hot acid digestion and atomic absorption procedures.

Rock samples collected during prospecting were assayed for Cu, Ag, and Au. A total of 119 soil, and 10 rock samples were collected.

RESULTS (Figures A-Copper, B-Zinc, C-Molybdenum, D-Silver)

Assay results for Zn, Mo, and Ag, show only nil to background values for these elements. Values for Cu are slightly above the mean value (47 ppm Cu) for the southern Vancouver Island regional belt, with three to four areas showing levels about 3 to 5 times as high. The longest

anomalous zone (650 m) lies on the edge of claims IME 8 and 10. The second longest zone (500 m) lies within claims IME 18 and 20. The latter zone likely reflects the fracture controlled random mineralization common to volcanic units. The first noted zone may lie over an area possibly underlain by limestones. If true, higher carbonate content in this area may be subduing the absolute magnitude of copper values. Samples near the old workings in Lot 524 are not notably anomalous, however the recorded skarn-type mineralization is erratic. The values on the north edge of IME 8 and 10 may be inferred to indicate subsurface mineralization, which might relate to a primary dispersion halo from more deeply situated skarn zones.

High copper assays from rock samples in lots 518 and 519 reflect the known copper mineralization, which appears to be of limited extent. The 1150 Cu value between drainage spurs within claim IME 14 is interesting, and may indicate potential in conjunction with soil results described above.

Precious metal assays from current samples show that the skarn copper mineralization is deficient in these elements. This is in accord with 1928 assay data (ref 3) wherein 10 samples recorded highs of 0.02 oz/T Au and 0.8 oz/T Ag.

CONCLUSIONS

1. The IME Group contains previously mined skarn deposits of high grade but erratic continuity, with only low precious metals content.

2. Preliminary soil sampling shows, as should be expected, that copper values in soils are slightly above the regional mean, with several anomalous zones 500-650 meter long, which could indicate potential for additional mineralization.

RECOMMENDATIONS

If further work is undertaken, it should consist of the following:

1. Establish picket grid with 00/BL centered at the northeast corner of Lot 522. Cut a 2300 meter long base line on true west azimuth with cross lines at 100 meter intervals, extending 500 meters north and south. Also establish smaller mini grid along similar specifications within claims IME 18 and 20.
2. Map and soil sample both grids and check soils for carbonate content. Assay for Cu.
3. Complete proton magnetometer survey on both grids.
4. Based upon the results of (2) and (3) evaluate by drilling.

Prepared by

Herb Wahl P.Eng. B.C.

20 September 1980

Herb Wahl
20 Sept 1980

QUALIFICATIONS

Prospector/field man

Fred Crha
R.R. #30, 9779 Sterling Arm Crescent
Port Alberni, B.C.
V9Y 7L7
FMC # 160342 issued 23 April 1980

Mr. Crha has 6 years continuous experience as a company prospector and exploration technician with Utah Mines Ltd. of Port Hardy, B.C. He is qualified for, and has been supported by the BCDM Prospector Assistance Program for the years 1979-80.

I am satisfied that the field work performed by Mr. Crha was accomplished in accordance with standard industry practices.

H.J. Wahl P.Eng. B.C.

A handwritten signature in cursive script, appearing to read 'H. Wahl', written in dark ink.

STATEMENT OF COSTS

Labor and Prospecting, Mr. Fred Crha 14 days @ \$80/day as follows May 17-18, June 7-8, 28-30, July 12-13, 26-27, August 9-10, and Sept. 7	\$ 1,120.00
Field expenses, 14 days @ \$25.00/day including use of Chevy Blazer, boat, outboard, and gas, plus food.	350.00
Consulting time, HJ.Wahl, 3 days field, 1 day travel, Sept. 5-8, 3 days research and reporting, Sept. 16-18 inclusive. Total 7 days @ \$ 275/day.	1,925.00
Travel, motel, meals, ferries, Sept 5-8 per expense report on file with Island Mines	332.01
Xeroxing, map preparation, typing	129.43
Assaying, 119 soils @ 4.25/ea (Cu, Mo, Zn, Ag) including preparation and 10 rock samples @ \$11.75/ea (Cu, Ag, Au) including preparation.	<u>623.25</u>
TOTAL	<u><u>\$ 4,479.69</u></u>

Certified true and correct
receipts available on request



GEOCHEMICAL PROCEDURES

Cu, Pb, Zn, Ag, Cr:

1. Geochemical samples (soils, silts) are dried at 80°C for a period of 12 to 24 hours. The dried sample is sieved to -80 mesh fraction through a nylon and stainless steel sieve. Rock geochemical materials are crushed, dried and pulverized to - 100 mesh.
2. A 1.00 gram portion of the sample is weighed into a calibrated test tube. The sample is digested using hot 70% HClO₄ and concentrated HNO₃. Digestion time = 2 hours.
3. Sample volume is adjusted to 25 mls. using demineralized water. Sample solutions are homogenized and allowed to settle before being analyzed by atomic absorption procedures.
4. Detection limits using Techtron A.A.5 atomic absorption unit. Copper - 1 ppm, *Lead - 2 ppm, Zinc - 1 ppm, *Silver - 0.2 ppm, Chromium - 2 ppm. (* Pb & Ag are corrected for background absorption)
5. Elements present in concentrations below the detection limits are reported as one half the detection limit, ie. Ag - 0.1 ppm

U:

1.0 gms sample is digested with HClO₄ - HNO₃ acid for approximately 2 hours. An aliquot extracted with MIBK after the addition of Al(NO₃)₃ - TPAN solution and analyzed via conventional fluorimetric procedure.
Detection Limit: 0.5 ppm U.

Au:

5 gm samples ashed @800°C for one hour, digested with aqua regia to dryness - taken up in 25% HCl⁻, the gold then extracted as the bromide complex into MIBK and analyzed via A.A.
Detection limit - 10 PPB

Ba:

A 0.20 gm sample is digested with a mixture of HF-HClO₄ - HNO₃ acids to dryness. The baked residue is leached with 25 ml of 10% HCl with NaCl added to reduce ionization effects in the A.A. flame. Analysis is by AAS using a N₂O - C₂H₂ gas mixture.

FIRE ASSAY METHODS FOR SILVER AND GOLD

0.5 assay ton sub samples are fused in litharge, carbonate and silicious fluxes. The lead button containing the precious metals is cupelled in a muffle furnace. The combined Ag & Au is weighed on a microbalance, parted, annealed and again weighed as Au. The difference in the two weighings is Ag. Low grade samples and geochem materials are analyzed to a detection of 5 parts per billion by a combination fire assay - atomic absorption procedure.



CHEMEX LABS LTD.

212 BROOKSBANK AVE
 NORTH VANCOUVER, B.C
 CANADA V7J 2C1
 TELEPHONE: (604)984-0221
 TELEX: 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : Omni Resources Inc.,
 c/o G. A. Clouthier
 Box 119
 Atlin, B.C.

CERT. # : A8010119-001-A
 INVOICE # : 38533
 DATE : 06-SEP-80

Sample description	Cu ppm	Mo ppm	Zn ppm	Ag ppm
803J-001	30	1	32	0.1
803J-002	58	1	52	0.1
803J-003	34	1	48	0.1
803J-004	46	1	64	0.1
803J-005	30	1	70	0.1
803J-006	38	1	42	0.1
803J-007	38	1	54	0.1
803J-008	20	1	46	0.1
803J-009	12	1	38	0.1
803J-010	58	1	54	0.1
803J-011	60	1	58	0.1
803J-012	52	3	54	0.1
803J-013	10	1	12	0.1
803J-014	60	4	36	0.1
803J-015	12	1	46	0.1
803J-016	42	2	92	0.1
803J-017	46	2	62	0.1
803J-018	50	3	38	0.1
803J-019	58	2	44	0.1
803J-020	6	1	18	0.2
803J-021	48	1	58	0.1
803J-022	6	1	58	0.1
803J-023	22	2	54	0.1
803J-024	180	1	40	0.1
803J-025	52	2	20 ✓	0.1
803J-026	18	1	18	0.1
803J-027	80	3	58	0.1
803J-028	136	2	34	0.1
803J-029	120	1	34	0.1
803J-030	136	3	38	0.1
803J-031	180	3	42	0.1
803J-032	120	2	42	0.1
803J-033	96	1	34	0.1
803J-034	110	2	60	0.1
803J-035	52	2	28	0.1
803J-036	104	1	44	0.1
803J-037	86	2	60	0.1
803J-038	186	2	68	0.1
803J-039	94	1	44	0.1
803J-040	104	1	54	0.1

Certified by *Hart Biddle*





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CERTIFICATE OF ANALYSIS

Q : Omni Resources Inc.,
c/o G. A. Clouthier
Box 119
Atlin, B.C.

CERT. # : A8010119-002-A
INVOICE # : 38533
DATE : 06-SEP-80

Sample description	Cu ppm	Mo ppm	Zn ppm	Ag ppm
803J-041	160	1	36	0.1
803J-042	146	3	40	0.1
803J-043	90	1	34	0.1
803J-044	110	1	38	0.1
803J-045	134	1	48	0.1
803J-046	68	2	28	0.1
803J-047	126	2	48	0.1
803J-048	104	1	42	0.1
803J-049	62	1	34	0.1
803J-050	64	1	36	0.1
803J-051	110	2	40	0.1
803J-052	132	2	40	0.1
803J-053	142	1	42	0.1
803J-054	80	1	38	0.1
803J-055	98	1	44	0.1
803J-056	92	2	38	0.1
803J-057	82	1	38	0.1
803J-058	110	2	38	0.1
803J-059	22	1	18	0.1
803J-060	66	1	28	0.1
803J-061	92	1	38	0.1
803J-062	74	1	28	0.1
803J-063	56	1	30	0.1
803J-064	94	1	46	0.1
803J-065	340	2	50	0.1
803J-066	14	2	26	0.1
803J-067	42	2	32	0.1
803J-068	80	3	32	0.1
803J-069	94	2	34	0.1
803J-070	60	1	24	0.1
803J-071	84	1	30	0.1
803J-072	72	1	28	0.1
803J-073	18	1	22	0.2
803J-074	42	1	38	0.1
803J-075	6	1	16	0.2
803J-076	62	3	40	0.1
803J-077	40	2	32	0.1
803J-078	180	2	36	0.1
803J-079	38	2	24	0.1
803J-080	62	2	36	0.1

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D : Omni Resources Inc.,
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 Box 119
 Atlin, B.C.

CERT. # : A8010119-003-A
 INVOICE # : 38533
 DATE : 06-SEP-80

Sample description	Cu ppm	Mo ppm	Zn ppm	Ag ppm
803J-081	108	2	52	0.1
803J-082	176	2	38	0.1
803J-083	130	2	26	0.1
803J-084	80	2	62	0.1
803J-085	114	1	36	0.1
803J-086	160	2	44	0.1
803J-087	98	3	44	0.1
803J-088	88	3	38	0.1
803J-089	88	3	38	0.1
803J-090	84	1	36	0.1
803J-091	32	1	44	0.1
803J-092	86	1	46	0.1
803J-093	54	1	46	0.1
803J-094	52	2	82	0.1
803J-095	78	3	36	0.1
803J-096	110	4	26	0.1
803J-097	66	2	42	0.1
803J-098	66	3	70	0.1
803J-099	36	2	40	0.1
803J-100	100	2	56	0.1
803J-101	60	2	52	0.1
803J-102	128	3	78	0.1
803J-103	74	3	38	0.1
803J-104	80	3	82	0.1
803J-105	56	4	56	0.1
803J-106	104	1	62	0.1
803J-107	102	1	62	0.1
803J-108	134	1	70	0.1
803J-109	104	2	142	0.1
803J-110	190	1	52	0.1
803J-111	110	1	106	0.1
803J-112	102	1	60	0.1
803J-113	94	1	86	0.1
803J-114	162	1	40	0.1
803J-115	68	1	72	0.1
803J-116	84	1	64	0.1
803J-117	84	1	68	0.1
803J-118	56	1	40	0.1
803J-119	10	1	16	0.1

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CERTIFICATE OF ANALYSIS

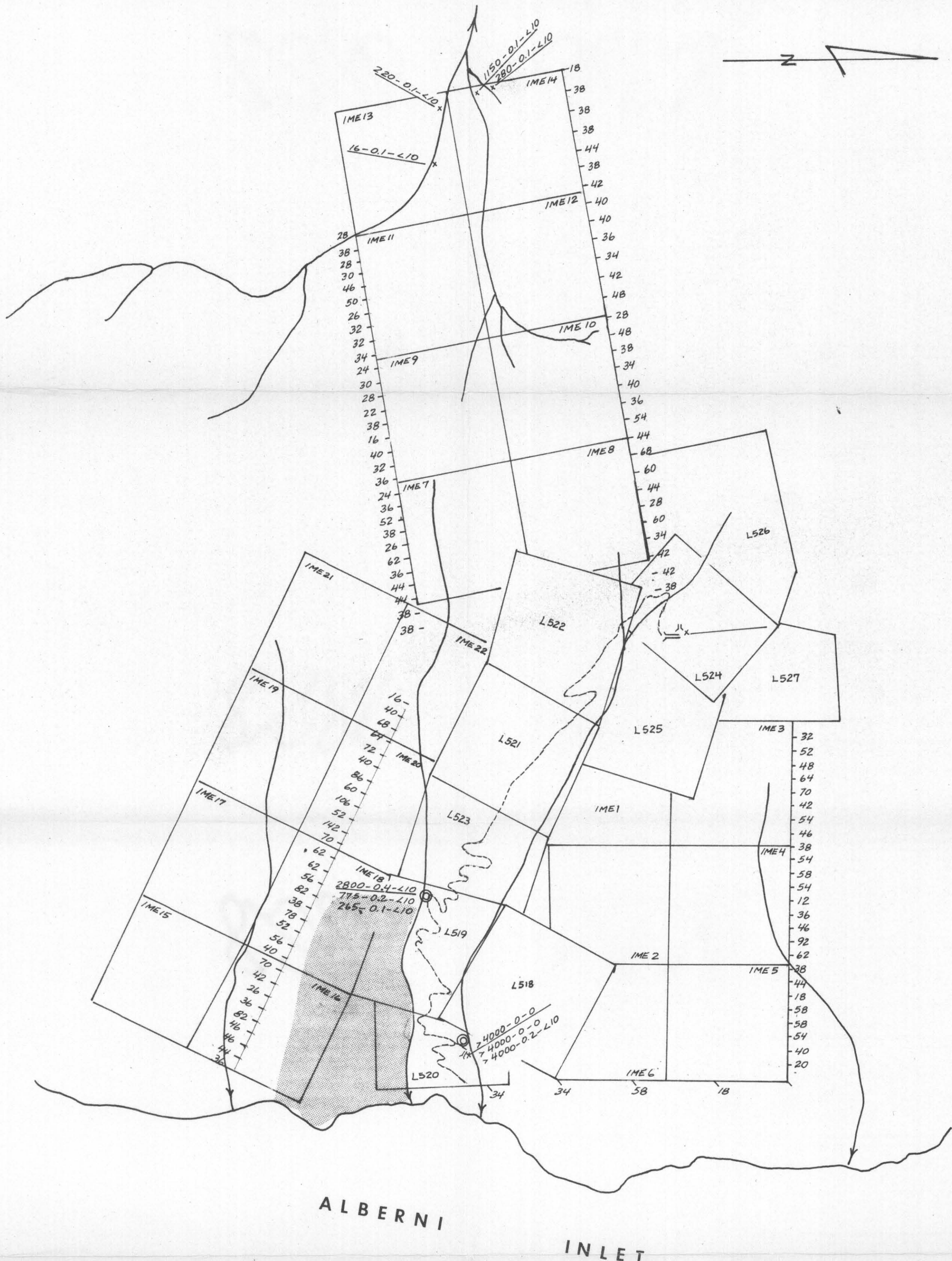
Q : Omni Resources Inc.,
c/o G. A. Clouthier
Box 119
Atlin, B.C.

CERT. # : A8010120-001-A
INVOICE # : 38533
DATE : 06-SEP-80

Sample description	Cu ppm	Ag ppm	Au -(AA) ppb	
803J-01R	>4000	--	--	--
803J-02R	>4000	--	--	--
803J-03R	>4000	0.2	<10	--
803J-04R	2800	0.4	<10	--
803J-05R	775	0.2	<10	--
803J-06R	265	0.1	<10	--
803J-07R	280	0.1	<10	--
803J-08R	1150	0.1	<10	--
803J-09R	220	0.1	<10	--
803J-10R	16	0.1	<10	--

Certified by *Hart Biddle*





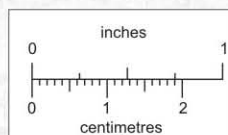
LEGEND

- SOIL TRAVERSE LINE & STATION RESULTS IN PPM
- x ROCK SAMPLE SITE, RESULTS IN PPM: Cu - Ag - Au (PPb)
- AREA PROSPECTED
- // OLD WORKINGS
- ⊙ OLD DRILL HOLES

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

8286

H. Wahl P. Eng
22 Sept 1980



007332

FIG B

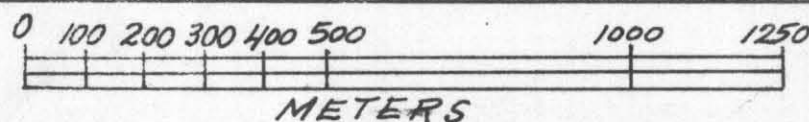
HERB WAHL & ASSOCIATES LTD.
SECHLT, B.C.

IME GROUP

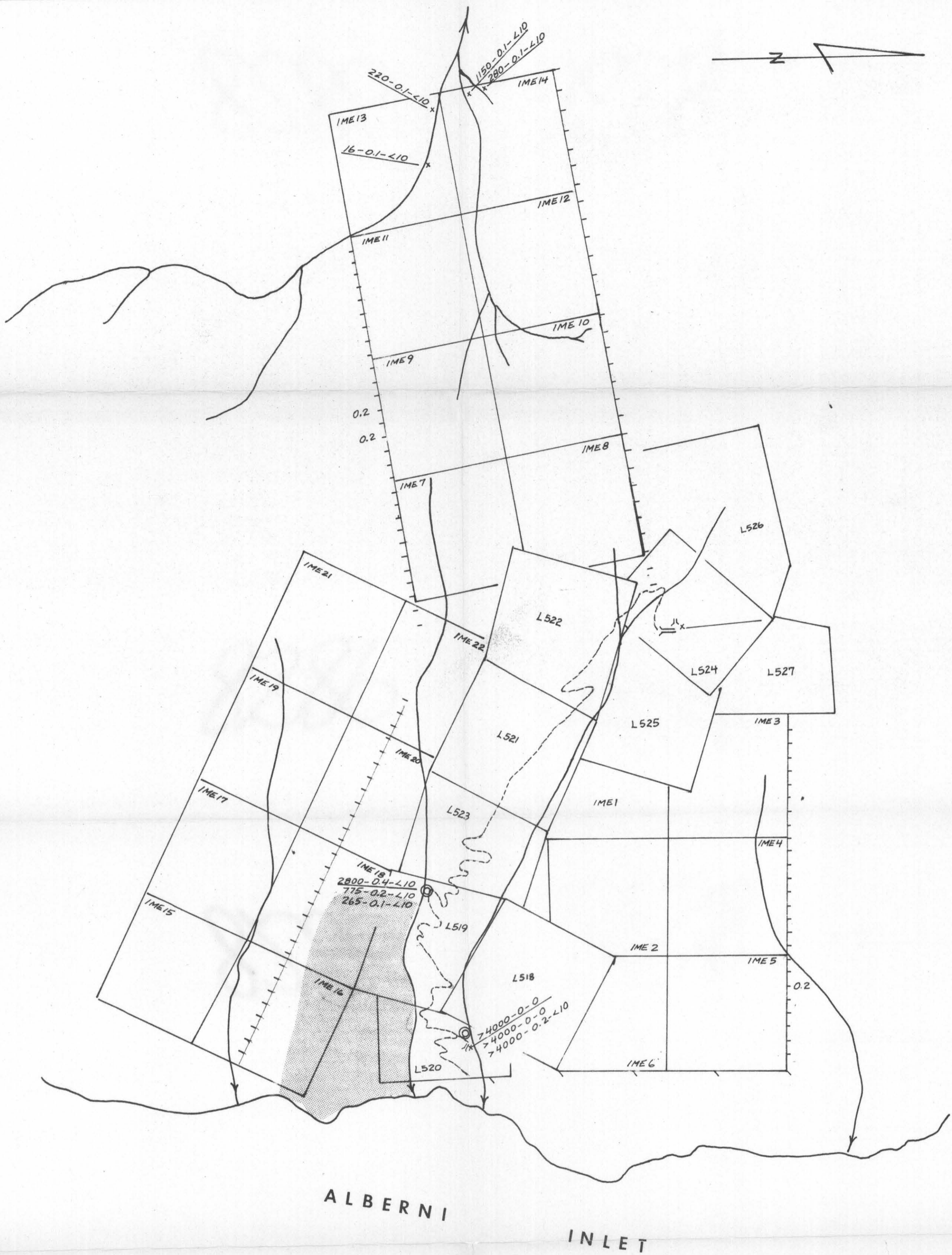
ISLAND MINING & EXPLORATIONS
CO. LTD.

RESULTS OF PROSPECTING AND
GEOCHEMICAL SOIL SAMPLING

METAL MAP FOR: Zn



DATE: SEPT. 1980 SCALE: 1:12500
NTS: 92F-2W BY: H.J. WAHL



LEGEND

- SOIL TRAVERSE LINE & STATION RESULTS IN PPM
- ROCK SAMPLE SITE, RESULTS IN PPM Cu - Ag - Au (PPB)
- AREA PROSPECTED
- OLD WORKINGS
- OLD DRILL HOLES

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8286

007331

ALL VALUES 0.1ppm EXCEPT AS SHOWN

FIG. D

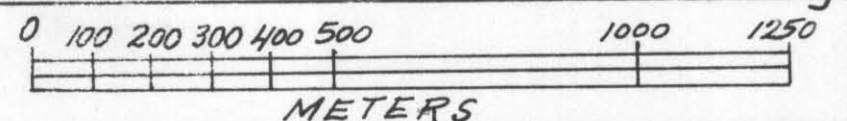
HERB WAHL & ASSOCIATES LTD.
SECHLT, B.C.

IME GROUP

ISLAND MINING & EXPLORATIONS
CO. LTD.

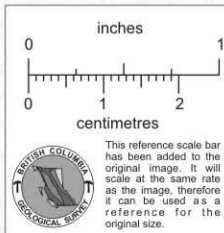
RESULTS OF PROSPECTING AND
GEOCHEMICAL SOIL SAMPLING

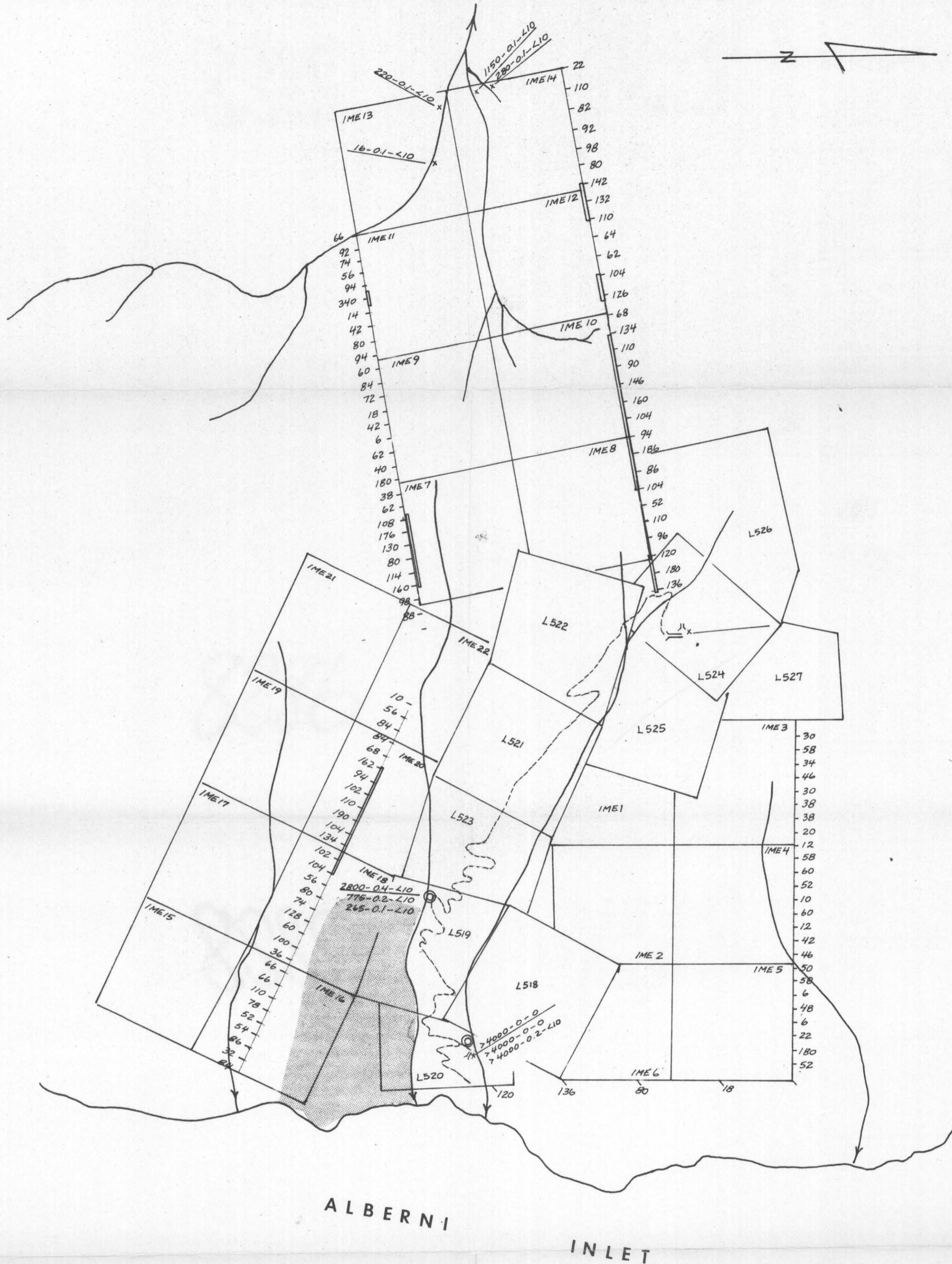
METAL MAP FOR: Ag



DATE: SEPT. 1980 SCALE: 1:12500
NTS: 92F-2W BY: H.J. WAHL

*Ref. Wahl & Eng
22 Sept 1980*





LEGEND

- SOIL TRAVERSE LINE & STATION RESULTS IN PPM
- ROCK SAMPLE SITE, RESULTS IN PPM Cu - Ag - Au (ppb)
- AREA PROSPECTED
- OLD WORKINGS
- OLD DRILL HOLES
- ZONE WITH AVERAGE VALUES > 100 PPM CU

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H. Wahl Eng.
22 Sept 1980

007330

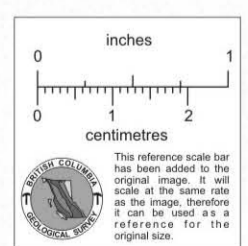


FIG. A

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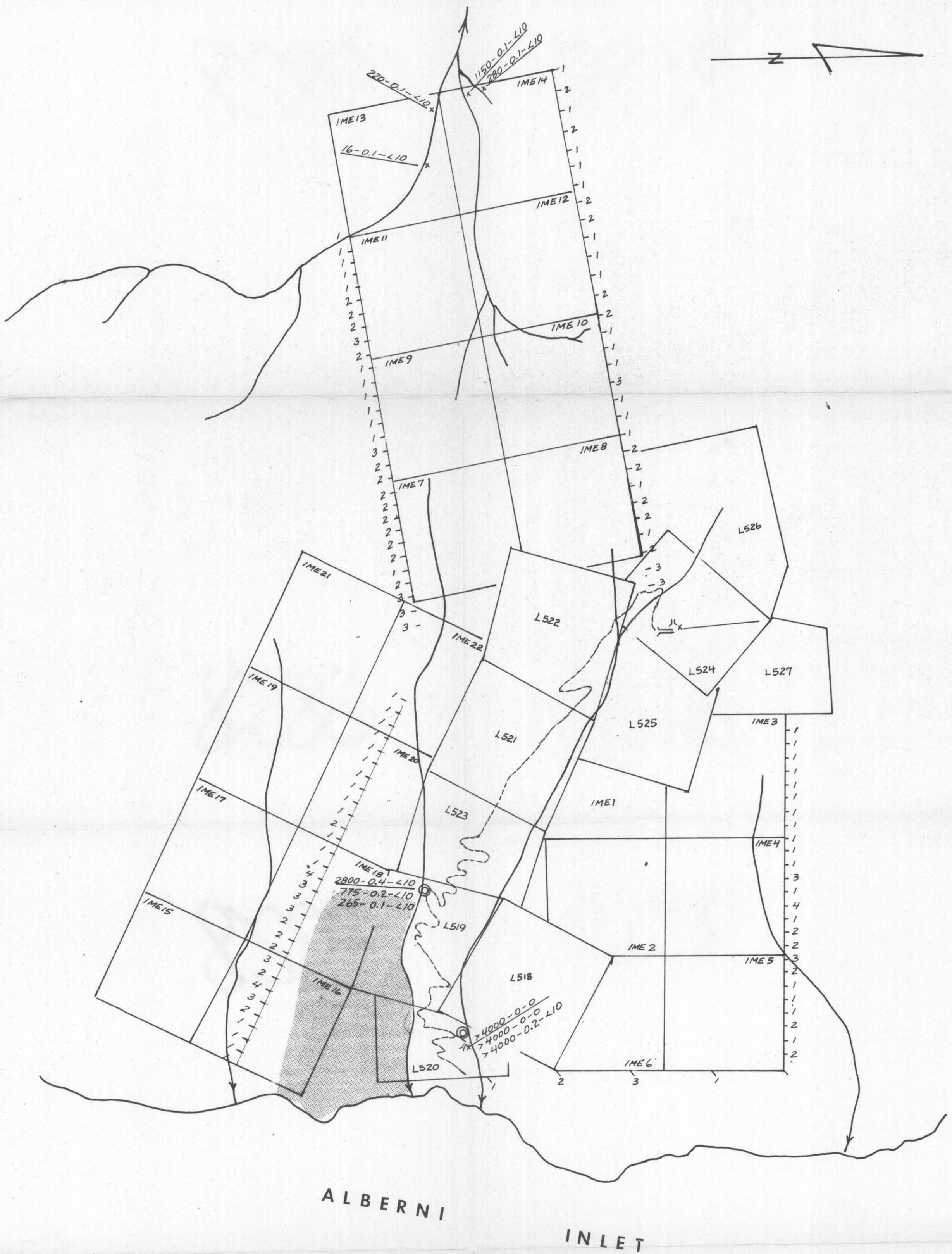
ISLAND MINING & EXPLORATIONS CO. LTD.

RESULTS OF PROSPECTING AND
GEOCHEMICAL SOIL SAMPLING

METAL MAP FOR: CU

0 100 200 300 400 500 1000 1250
METERS

DATE: SEPT. 1980	SCALE: 1:12500
NTS: 92.F-2W	BY: H.J. WAHL



LEGEND

- ┆ SOIL TRAVERSE LINE # STATION RESULTS IN PPM
- x ROCK SAMPLE SITE, RESULTS IN PPM Cu - Ag - Au (PPb)
- ▨ AREA PROSPECTED
- // OLD WORKINGS
- o OLD DRILL HOLES

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
8286

007334

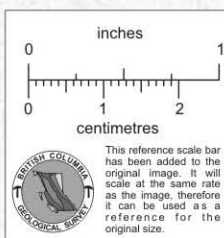


FIG. C

HERB WAHL & ASSOCIATES LTD.
SECHLT, B.C.

IME GROUP

ISLAND MINING & EXPLORATIONS CO. LTD.

RESULTS OF PROSPECTING AND GEOCHEMICAL SOIL SAMPLING

METAL MAP FOR: Mo

0 100 200 300 400 500 1000 1250
METERS

DATE: SEPT. 1980 SCALE: 1:12500
NTS: 92F-2W BY: H.J. WAHL

H. J. Wahl P. Eng.
22 Sept 1980