SUMMARY REPORT 1984
FIELD ACTIVITIES ON THE
IKEDA CLAIMS
QUEEN CHARLOTTE ISLANDS, B.C.

G.A. Clarke

#148-013-84

January, 1984

NTS 103 B/6E

PART 2: VOLUME #2

APPENDICES

Windy Grid
Helipad Grid
B.5. Grid
Window Grid
Sam's Adit
Mealticket

APPENDIX #2

SHOWING DATA SHEET

Name: Windy Grid

Location: On North facing slope of the ridge between Ikeda Cove and Collison Bay, directly above eastern end of the Rose Pit.

Work Performed: 1:1000 geologic mapping, detailed soil geochemistry (10m spacing), VLF-Em.

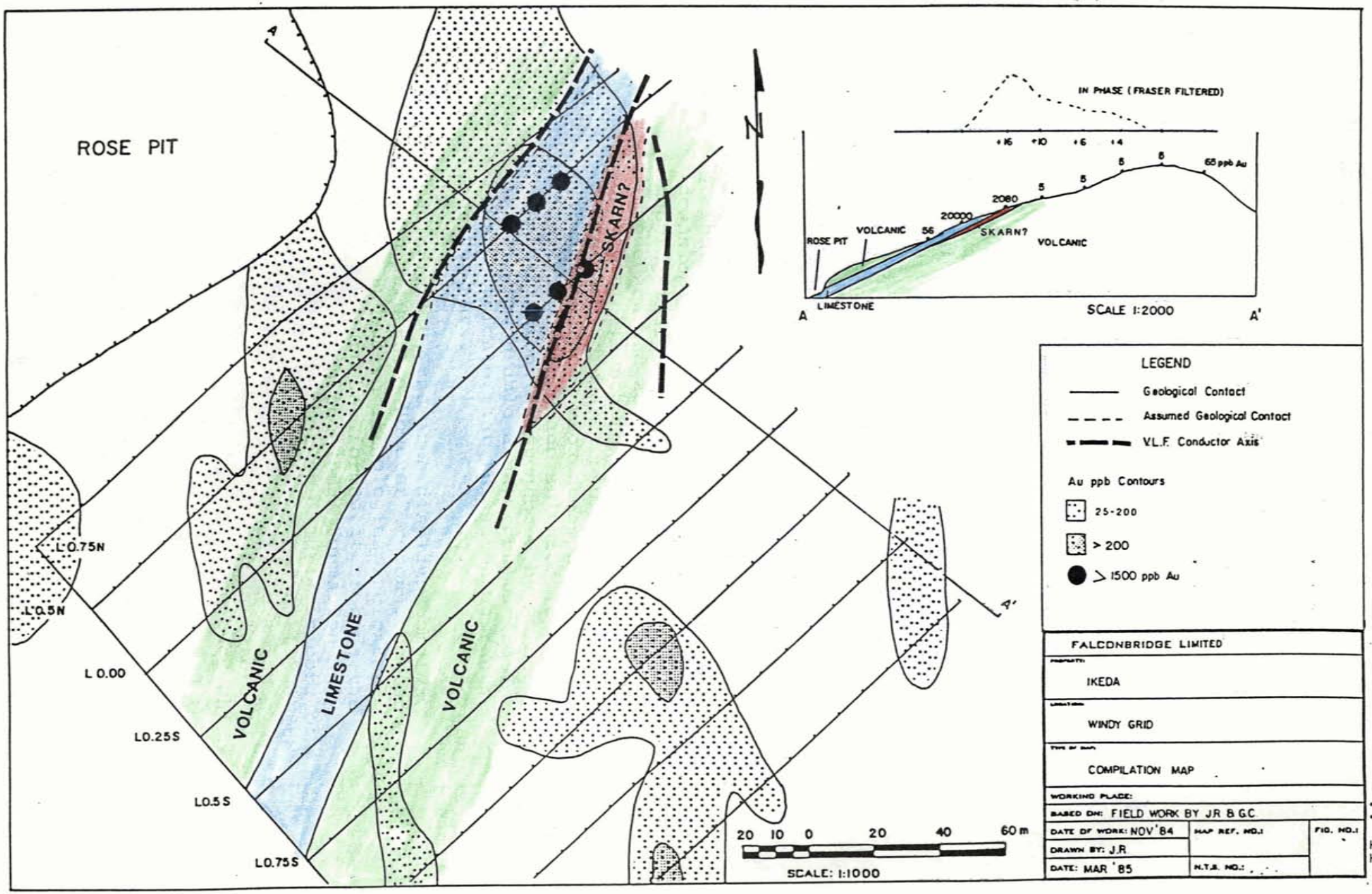
Results: From follow up Au geochemistry, this area can be seen to encompass a zone of extremely high (to 20ppm) gold values in the soils near the Rose Pit as well as elevated Au values to the south, east and west of the main anomaly. In general, there is an north-south trend to the anomalies; interuptions in the trend as at line 0+50S and line 0+75S may be a function of elevation. (This area corresponds to the crest of the hill).

Geologic control of the area is limited; the majority of the area is overlain by a veneer (50-150cm?) of moss and debris. From available outcrop, the area is interpreted to be composed dominantly of volcanic flows with interbedded limestone units. Outcroppings of skarn were not encountered; the rocks generally display low grade alteration or in the case of the limestones, recrystallization. Observed attitudes of units are ENE/WSW and dipping gently to mildly north. Mineralization consists of sparse disseminated pyrite.

VLF-EM (in phase) data outlines a moderate conductor over the high Au geochemical anomaly. The VLF-EM anomaly extends from the Rose Pit suggesting a close relationship with the magnetite skarn. The anomaly is open towards the north and east.

Because of the trend of the soil geochemistry anomalies, the indicated gold mineralization is interpreted to be emanating from an early generation of fractures which formed as a result of the intrusion of the Rose Pit diorite plug (explosed approximately 200m to the northwest in the Rose Pit).

Recommendations: Drilling of 2 short (100m) angled drill holes, main anomaly on the grid, should be drilled into the zone (refer to attached cross-section). Depending upon the results of this drilling, a second stage drill program to test continuity to the south may be implemented.


ROSE PIT
A
A'
SKARN?
VOLCANIC
LIMESTONE
VOLCANIC
L 0.75N
L 0.5N
L 0.00
L 0.25S
L 0.5S
L 0.75S
N
IN PHASE (FRASER FILTERED)
+16
+10
+6
+4
5
5
5
5
65 ppb Au
2080
20000
56
ROSE PIT
VOLCANIC
SKARN?
VOLCANIC
LIMESTONE
A
A'
SCALE 1:2000
LEGEND
Geological Contact
Assumed Geological Contact
V.L.F. Conductor Axis
Au ppb Contours
25-200
> 200
> 1500 ppb Au
20 10 0 20 40 60 m
SCALE: 1:1000
FALCONBRIDGE LIMITED
IKEDA
WINDY GRID
COMPILATION MAP
WORKING PLACE:
BASED ON: FIELD WORK BY JR & GC
DATE OF WORK: NOV '84
MAP REF. NO.:
FIG. NO.:
DRAWN BY: J.R
DATE: MAR '85
N.T.S. NO.:

ROSE PIT

L1+00N

L0+75N

L0+50N

L0+00

L0+25S

L0+50S

L0+75S

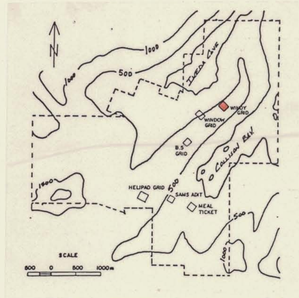
L1+00S

L1+25S

L1+50S

L2+00S

L12+00E



MAP REF. NO.:
N.T.S.:

( ) Regional Au Geochemistry (ppb)

Au Contours (ppb)

- 25
- 100
- 200
- 500
- 1000

⊙ Spot anomaly

20 10 0 20 40 60 m

SCALE: 1:1000

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

LOCATION: WINDY GRID (ROSE PIT)

TYPE OF MAP: Au GEOCHEMISTRY (ppb)

WORKING PLACE:

BASED ON: Field work by G.C. & S.Z.

DATE OF WORK: OCT'84	MAP REF. NO.: '	FIG. NO.: 2-1
DRAWN BY: J.R.		
DATE: NOV. 84	N.T.S. NO.: 103 B/6E	

NO. 273

MAP REF. NO.:
N.T.S.:

LEGEND

Outcrop

Bedding Attitude

Jointing

Rock Sample x 12345

Assay Value (Au g/tonne / Ag g/tonne / Cu %)

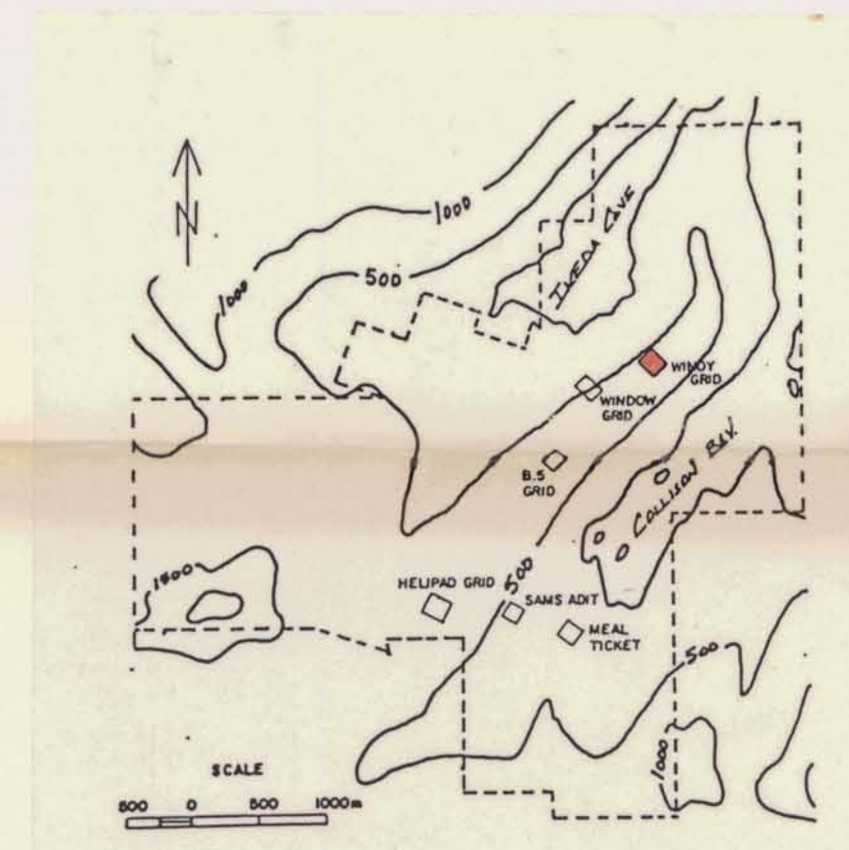
Float

1 BASALT HORNFELSED, MASSIVE, TRACE TO 2% DISS. PY.

1A SILICIFIED BASALT MASSIVE, RELIC PORPHYRITIC TEXTURE

1B AMYGDALOIDAL BASALT AMYG. OF MAG CHL & EP. 1-3 MM IN DIA. PILLOWED IN PLACES

2 LIMESTONE M.G. TO C.G. CRYSTALLINE



m 20 10 0 20 40 60 m

SCALE: 1:1000

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

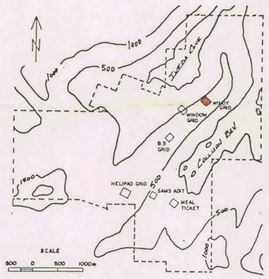
LOCATION: WINDY GRID (ROSE PIT)

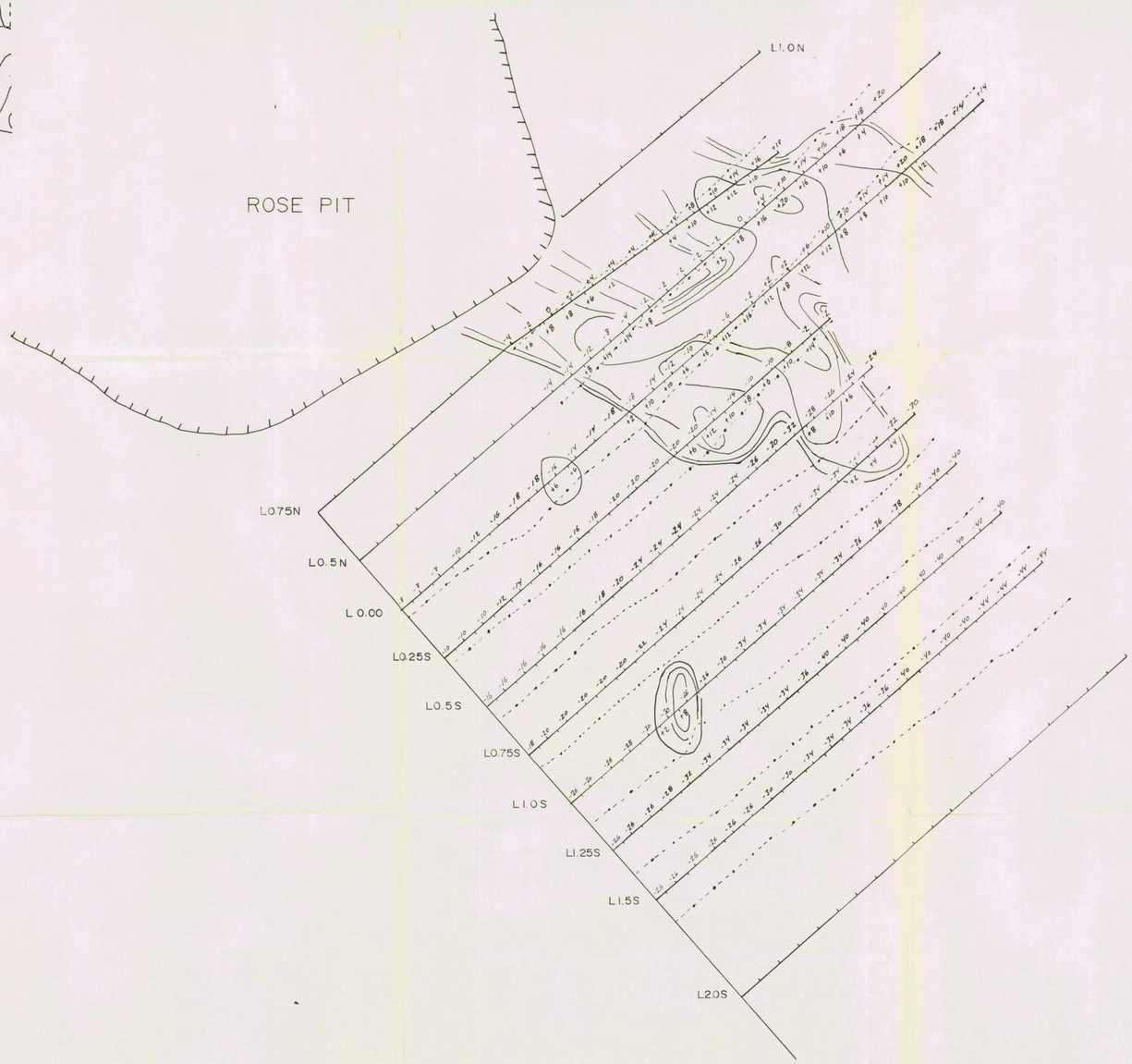
TYPE OF MAP: GEOLOGY

WORKING PLACE:

BASED ON: FIELD WORK BY G.C., S.I., J.R.

DATE OF WORK: OCT 1984	MAP REF. NO.:	APP. 2-2
DRAWN BY: S.I.		
DATE: DEC. 84	N.T.S. NO.: 103 B/6 E	





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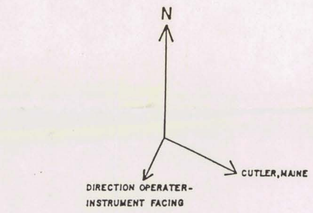
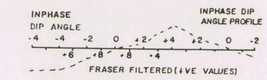
N.T.S.:



RECIEVER: GEONICS Ltd. VLF-E.M.16
ALL READINGS TAKEN FACING ~ 205°

TRANSMITTER: NAA 17.8 KHz
CUTLER, MAINE, U.S.A.



FRASER FILTERED CONTOURS

- 0
- +4
- +8
- +12
- +20

VERTICAL SCALE
50 25 0 50 100 DEGREES

20 10 0 20 40 60m
SCALE: 1:1000

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

LOCATION: WINDY GRID (ROSE PIT)

TYPE OF MAP: V.L.F.-E.M.16 (INPHASE) - FRASER FILTERED

WORKING PLACE:

BASED ON: FIELD WORK BY J.R. & G.C.

DATE OF WORK: OCT '84	MAP REF. NO.:	FIG. NO.: 2-3
DRAWN BY: J.R.		
DATE: FEB. 1985	N.T.S. NO.: 103B/6E	

NCI 273

APPENDIX #3

SHOWING DATA SHEET

Name: Helipad Showing

Location: On south facing slope of ridge between Collison Bay and Ikeda Cove approximately 1200 metres to the west of the head of Collison Bay between 410m (1350 ft) and 290m (950 ft) elevation.

Work Performed: 1:1000 scale geologic mapping, detailed soil geochemistry (10m spacing), VLF-EM, detailed magnetometer gradiometry, trenching.

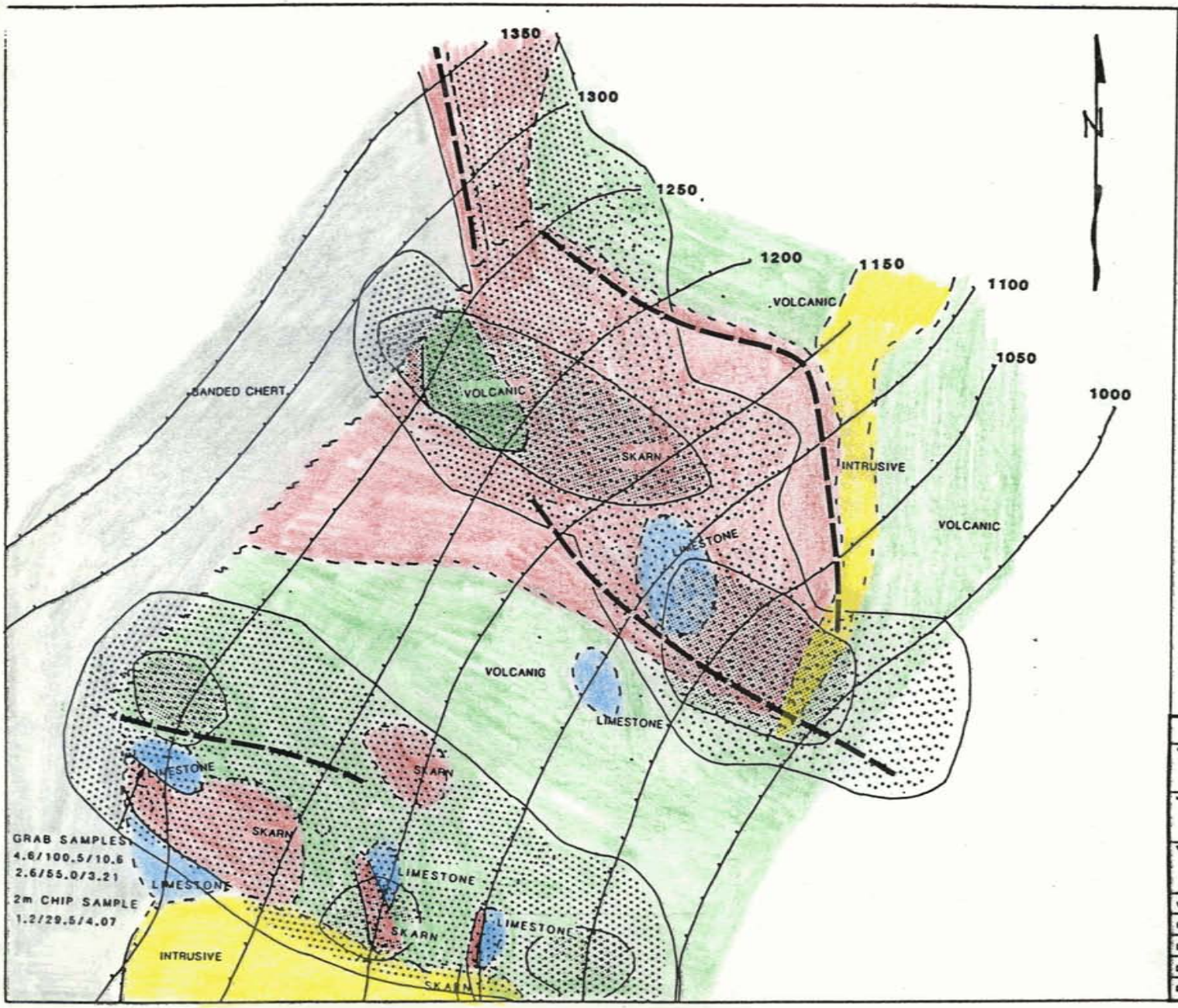
Results: Detailed work initiated as a result of high gold soil geochemistry anomalies and the location of a number of massive/semi-massive (py, po, cp) sulphide outcroppings.

Detailed soil geochemistry anomalies (Aw) indicate a strong NNW/SSE gold distribution. Extreme stretching may reflect downslope dispersion. Available outcrop mapping indicates the anomalies are superimposed on and adjacent to skarn/volcanic contacts. Trenching of one sulphide/skarn showing near top of grid uncovered variable garnet-pyroxene-amphibole skarn displaying retrograde sulphide (cp-py) mineralization (as suggested by Meinert, 1984). Favourable assay results from trench indicate that this area warrants further work.

Geologically, the area displays complex skarn patterns. However, reconstruction of pre-intrusive lithologies indicate that the skarn has formed at or near the contact between the Kunga Formation and the Karmutsen Formation. The main core of interest is the area between 380m (1250 ft) elevation and 350m (1100 ft) elevation. Here, skarn may have formed in a laterally continuous ? series of limestone beds which dip shallowly into the hillside.

Results (con't): Available magnetometry/gradiometry suggest 2 large lenses of magnetite within the grid area; these may represent the main conduits of metasomatic fluid movement. There is no evidence to suggest an association between magnetite and gold; there is, however, an indication that outside main magnetite zones, gold occurs in retrograde altered pyroxene amphibole skarn.

Recommendations: As suggested by Meinert (1984), the Helipad showing should be drilled using 2 long drill holes (200-300m) to assess; 1) continuity of mineralization down-dip from the trench and 2) the subsurface geology of the Helipad for purposes of control. The suggested pattern of drill holes is illustrated in the cross-section found in Appendix 1.



LEGEND

Geological Contact

Assumed Geological Contact

V.L.F. Conductor Axis

Au ppb Contours

50-200

> 200

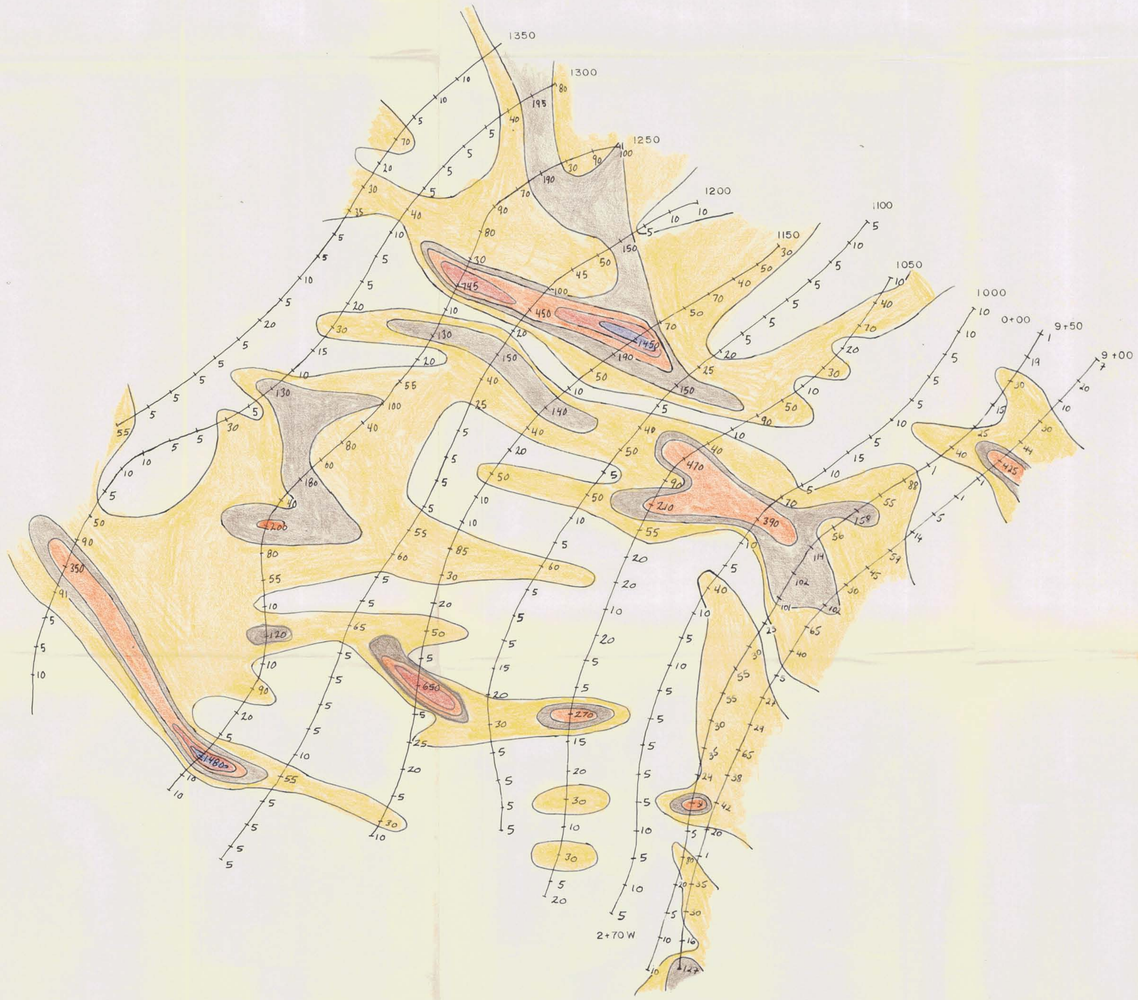
GRAB &CHIP SAMPLES

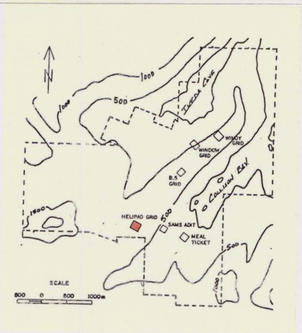
Au g/t/Ag g/t/Cu %

20 10 0 20 40 60 m

SCALE: 1:1000

FALCONBRIDGE LIMITED	
PROPERTY: IKEDA	
LOCATION: HELIPAD GRID	
TYPE OF MAP: COMPILATION MAP	
WORKING PLACE:	
BASED ON: FIELD WORK BY G.C.,J.R.,S.I.,A.S.,M.C.,S.Z.	
DATE OF WORK: OCT.1984	MAP REF. NO.: FIG. NO.:
DRAWN BY: J.R.	
DATE: MAR.1985	N.T.S. NO.:





MAP REF. NO.:
N.T.S.:

Au CONTOURS (ppb)

- 25
- 100
- 200
- 500
- 1000

20 10 0 20 40 60m

SCALE: 1:1000

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

LOCATION: HELIPAD

TYPE OF MAP: Au GEOCHEM. (ppb)

WORKING PLACE:

BASED ON: Field work by G.C. + S.Z.

DATE OF WORK: OCT '84

DRAWN BY: J.R.

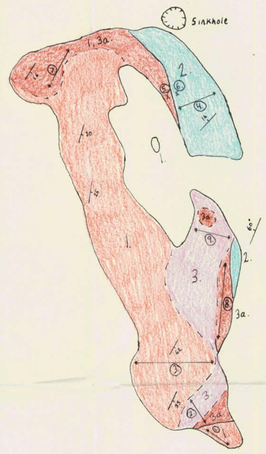
DATE: NOV. 84

MAP REF. NO.:

N.T.S. NO.: 103B/6E

FIG. NO.: 3-1

NO. 273



LEGEND

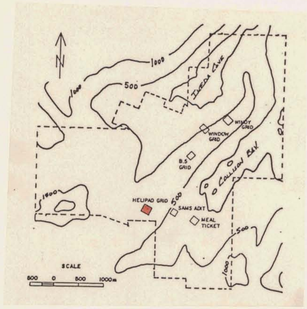
1. Garnetite — Massive to Banded
2. Limestone
3. Mineralized Skarn
   a) Massive Sulphide
   cp,po,pyynt,bo

ASSAY NUMBERS
(Au g/ton./Ag g/ton./Cu%)/m

1. 10156 (L.05/L.5/.02)/1m
2. 10157 (.5/11.5/1.45)/1m
3. 10158 (L.05/L.5/.07)/3m
4. 10150 (L.05/L.5/L.01)/1.5m
5. 10151 (2.6/55.0/3.2)
6. 10152 (L.05/.5/.08)
7. 10153 (1.2/29.5/4.07)/2m
8. 10154 (.4/4.5/.52)/3m
9. 10155 (.5/9.5/.80)/1.5m

SCALE
1:100
0 1 2 3 4 5m.

Insert A. (Helipad Trench)



MAP REF. NO.:
N.T.S.:

LEGEND

- Outcrop
- Bedding Attitude
- Geological Contact
- Stream
- Rock Sample — x 12345
- Assay Results — (Au g/ton./Ag g/ton./Cu%)

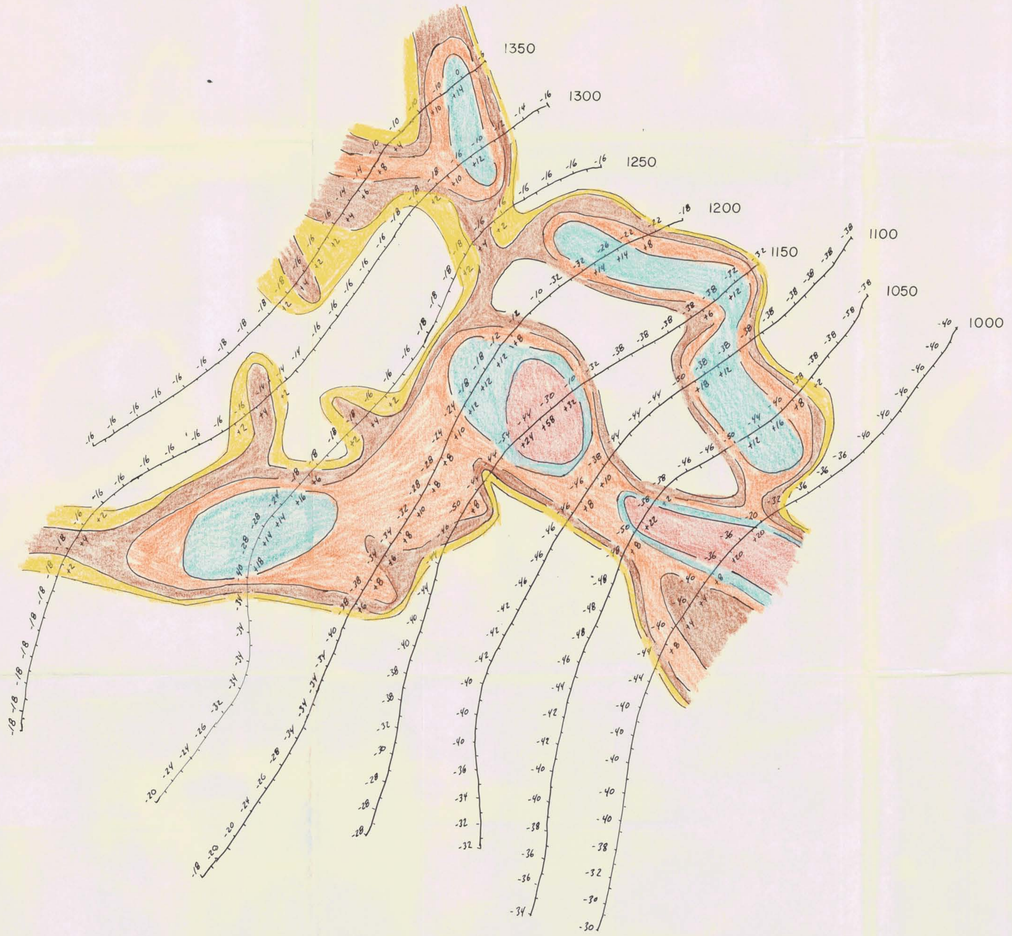
1. Volcanic
   - a) Andesite
   - b) Porphyry
   - c) Amygdaloidal
   - d) Tuff
   - e) Breccia
2. Sediments
   - a) Limestone
   - b) Argillite
   - c) Banded Cherty Sediments
3. Intrusive
4. Dike
   - a) Felsic
   - b) Mafic
5. Skarn

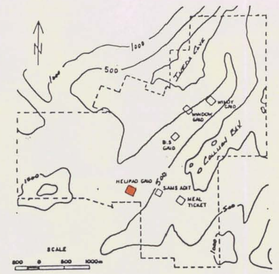
20 10 0 20 40 60 m
SCALE: 1:1000

FALCONBRIDGE LIMITED

PROPERTY: IKEDA	
LOCATION: HELIPAD	
TYPE OF MAP: GEOLOGY	
WORKING PLACE:	
BASED ON: FIELD WORK by G.C. A.S., S.I., J.R.	
DATE OF WORK: OCT '84	MAP REF. NO.:
DRAWN BY: J.R.	
DATE: DEC 84	N.T.S. NO.: 103 B/6E

APP. 3-2





MAP REF. NO.:
N.T.S.:

N

CUTLER, MAINE

DIRECTION OPERATER-
INSTRUMENT FACING

RECIEVER: GEONICS Ltd. V.L.F-E.M. 16
ALL READINGS TAKEN FACING ~ 205°

TRANSMITTER: NAA 17.8 KHz
CUTLER, MAINE, U.S.A.

INPHASE
DIP ANGLE
-4 -4 -2 0 +2 +4 +2 0 -2
+6 +8 +8 +4
FRASER FILTERED (+VE VALUES)

FRASER FILTERED CONTOURS

- 0
- +4
- +8
- +12
- +20

20 10 0 20 40 60m
SCALE: 1:1000

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

LOCATION: HELIPAD

TYPE OF MAP: V.L.F. - E.M. (INPHASE) FRASER FILTERED

WORKING PLACE:

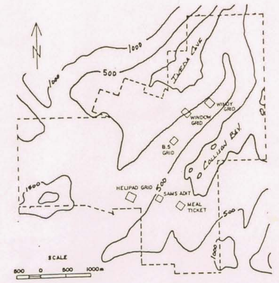
BASED ON: FIELD WORK BY J.R. & G.C.

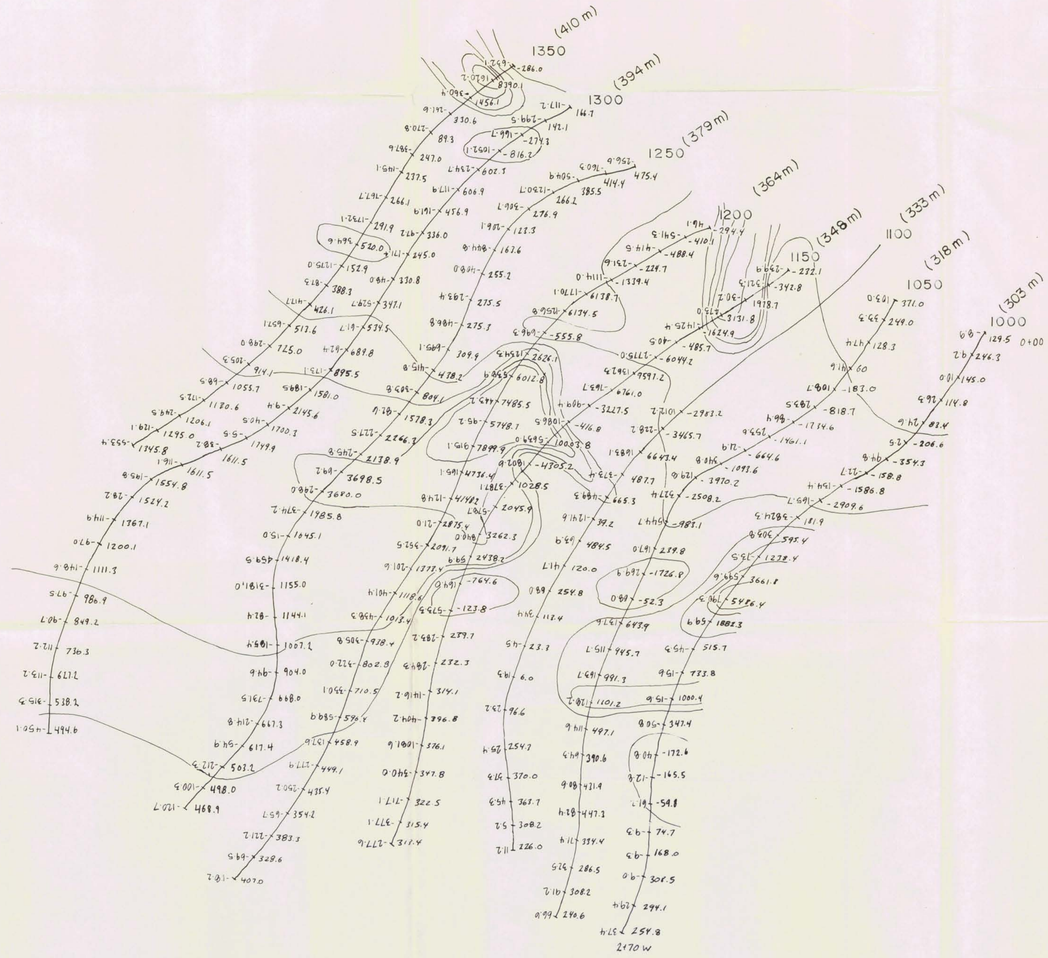
DATE OF WORK: SEPT '84 | MAP REF. NO.: | FIG. NO.: 3.3

DRAWN BY: J.R.

DATE: FEB. 1985 | N.T.S. NO.: 1038/6E

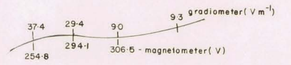
MAP REF. NO.:
N.T.S.:





MAGNETICS CONTOURS (gammas)

- ☐ <0
- ☐ + 500
- ☐ + 1000
- ☐ + 3000
- ☐ + 5000



MAGNETOMETER DATUM:
55,000 V

20 10 0 20 40 60m
SCALE: 1:1000

FALCONBRIDGE LIMITED

PROPERTY:	IKEDA
LOCATION:	HELIPAD
TYPE OF MAP:	OMNI IV TIE LINE MAGNETOMETER-GRADIOMETRY
WORKING PLACE:	
BASED ON:	Field work by S.I.
DATE OF WORK:	OCT '84
MAP REF. NO.:	
FIG. NO.:	3-4
DRAWN BY:	
DATE:	DEC. 84
N.T.S. NO.:	103B/6E

NGI 273

APPENDIX #4

SHOWING DATA SHEET

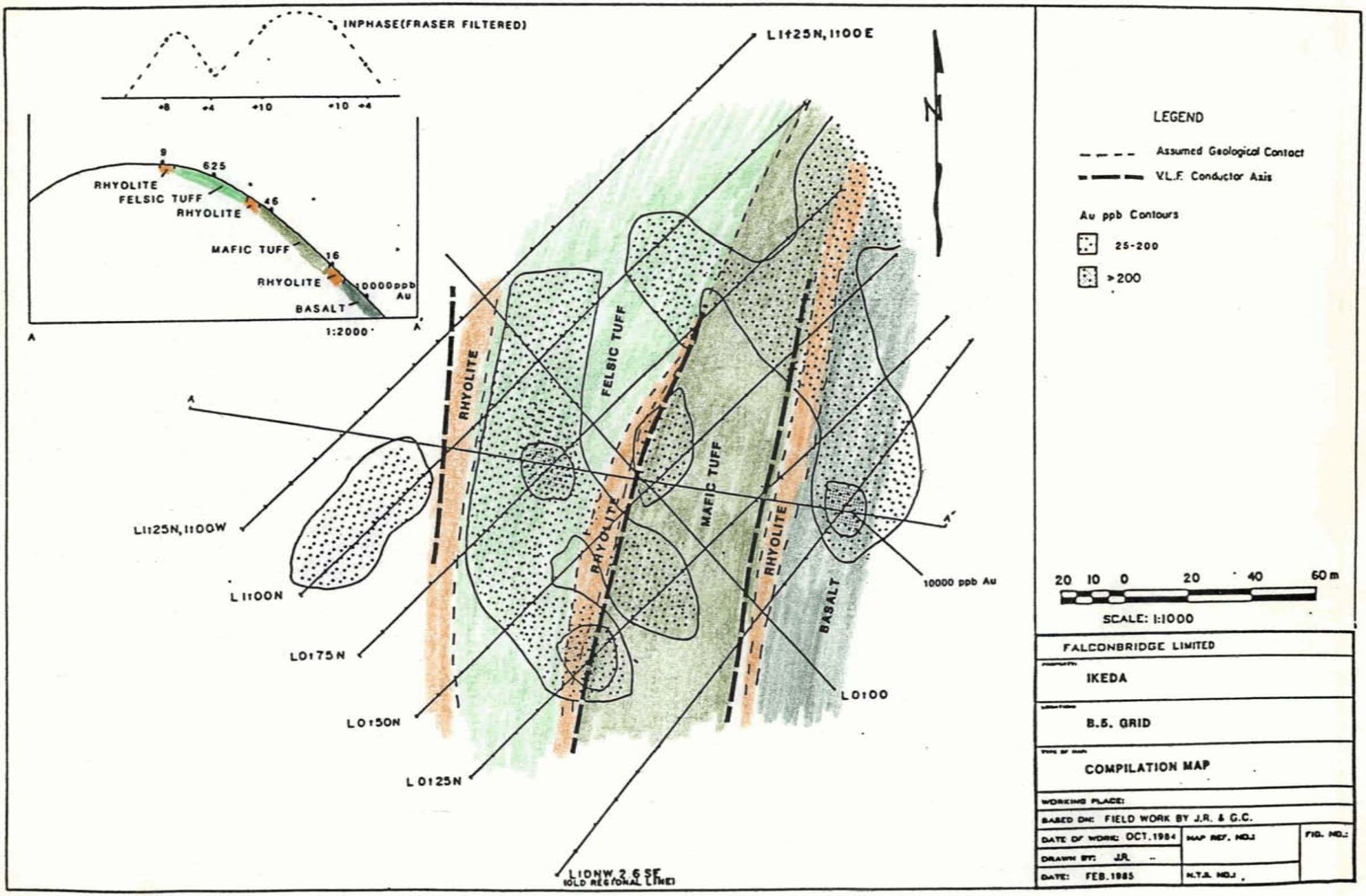
Name: B.5 Grid (10,000 ppb Au)

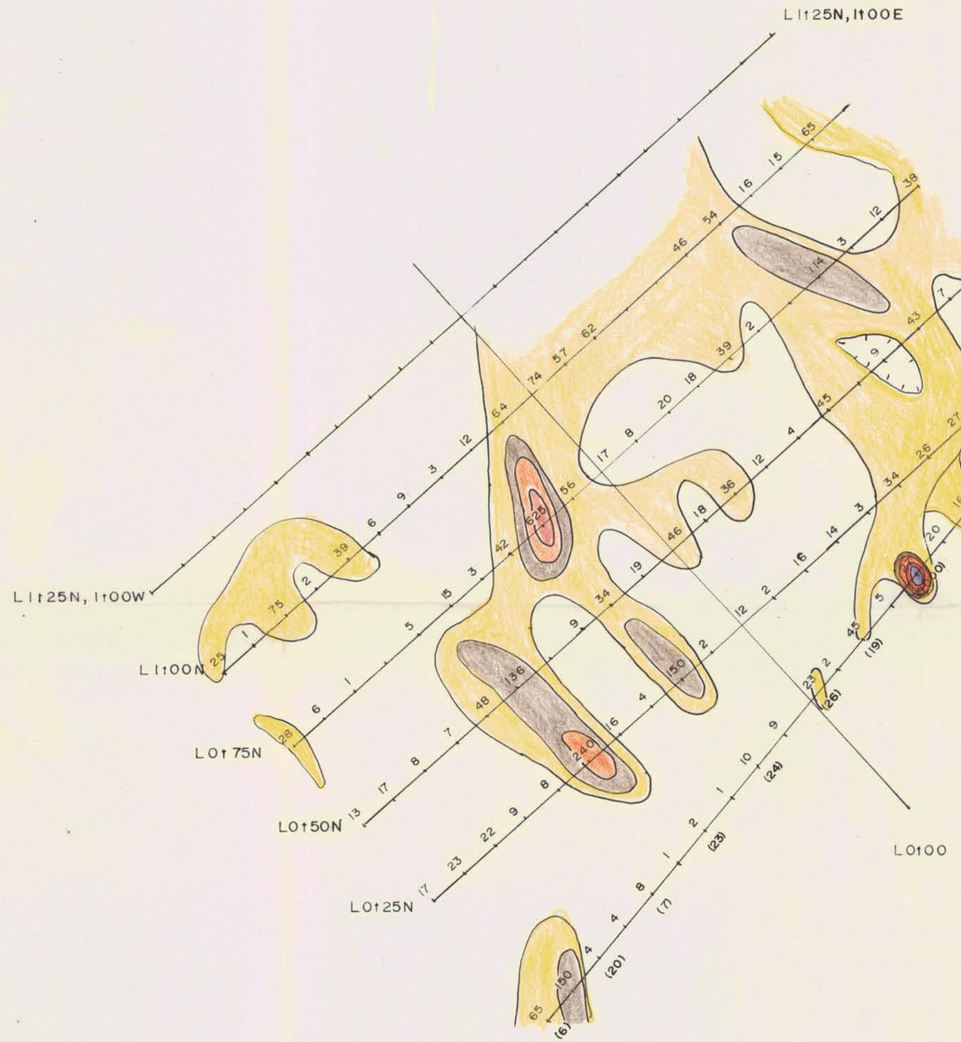
Location: On south facing slope of ridge between Collison Bay and Ikeda Cove approximately 410m east of line 0+00 at an elevation of 240m (800 feet).

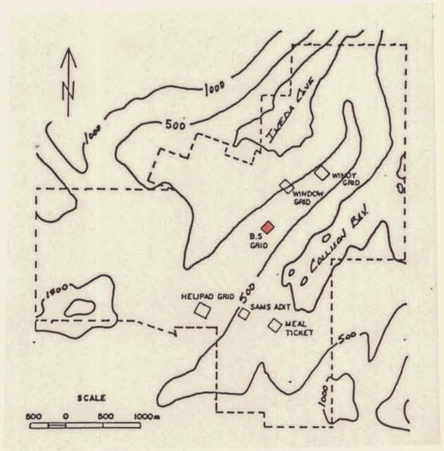
Work Performed: Detailed (1:1000) mapping, detailed geochemistry (10m spacing), VLF-EM

Results: Follow-up work was done over the area as a result of a 10,000ppb Au detected during reconnaissance soil sampling. Follow-up soil sampling failed to duplicate this value; quite likely the initial soil survey encountered a small nugget from an upslope source. Follow-up soil sampling uncovered an area above the 10,000ppb Au soil with anomalous Au values (max. 625ppb Au) over a larger area. Limited outcrop hampers ground definition of anomaly; the current interpretation from available outcrop is that gold mineralization disseminated along rhyolite-tuff contacts within the Karmutsen Formation. The VLF-EM depicts several conductors along these volcanic contacts.

Recommendations: The anomalous zone should undergo a limited soil sampling program using a maximum of 5m spacing between stations along lines 0+75N, 0+50N, 0+25N and 0+00N between the 25ppb Au contours east of the baseline. Following receipt of these results the area should be drilled. A minimum of 3 drill holes 60-90m in length over the anomalies is recommended.


INPHASE(FRASER FILTERED)
+8
+4
+10
+10
+4
9
625
46
16
10000ppb Au
RHYOLITE
FELSIC TUFF
RHYOLITE
MAFIC TUFF
RHYOLITE
BASALT
A
A'
1:2000
L1+25N, 1100E
L1125N, 1100W
L1100N
L0175N
L0150N
L0125N
L0100
10000 ppb Au
RHYOLITE
FELSIC TUFF
RHYOLITE
MAFIC TUFF
RHYOLITE
BASALT
L10NW 2.6 SE
(OLD REGIONAL LINE)
N
LEGEND
Assumed Geological Contact
V.L.F. Conductor Axis
Au ppb Contours
25-200
>200
20 10 0 20 40 60 m
SCALE: 1:1000
FALCONBRIDGE LIMITED
IKEDA
B.S. GRID
COMPILATION MAP
WORKING PLACE:
BASED ON: FIELD WORK BY J.R. & G.C.
DATE OF WORK: OCT. 1984
MAP REF. NO.:
FIG. NO.:
DRAWN BY: J.R.
DATE: FEB. 1985
N.T.S. NO.:





LEGEND

NEW DETAILED GEOCHEMISTRY 12

OLD REGIONAL GEOCHEMISTRY (12)

Au CONTOURS (ppb)

- 25
- 100
- 200
- 500
- 1000

m 20 10 0 20 40 60m

SCALE: 1:1000

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

LOCATION: B.S. GRID (10,000 ppb Au)

TYPE OF MAP: Au GEOCHEMISTRY (ppb)

WORKING PLACE:

BASED ON: Field work by G.C. & S.Z.

DATE OF WORK: OCT. 1984	MAP REF. NO.:	FIG. NO.: 4-1
DRAWN BY: S.I.		
DATE: NOV. 84	N.T.S. NO.: 103B/6E	

N

LEGEND

Outcrop

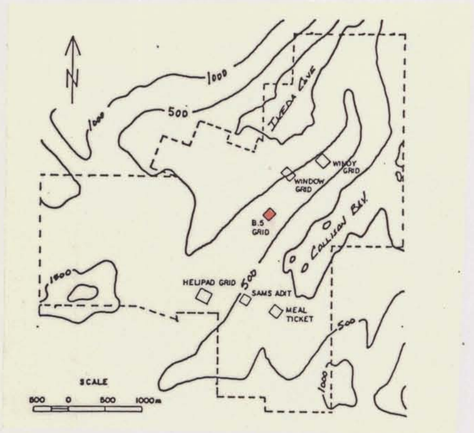
Bedding Attitude

Rock Sample × 12345

Assay Values (Aug/tonne / Ag g/tonne / Cu %)

Float ⊗

1. BASALT massive, hornfelsed, m.g., tr. py.
1a MAFIC TUFF massive, fsp. frag. 10%
2 FLOW TOP TUFF fsp hbl xl frag.
3 FELSIC TUFF
4 RHYOLITE



m 20 10 0 20 40 60 m

SCALE: 1" = 1000'

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

LOCATION: B.S. GRID (10,000 ppb Au)

TYPE OF MAP: GEOLOGY

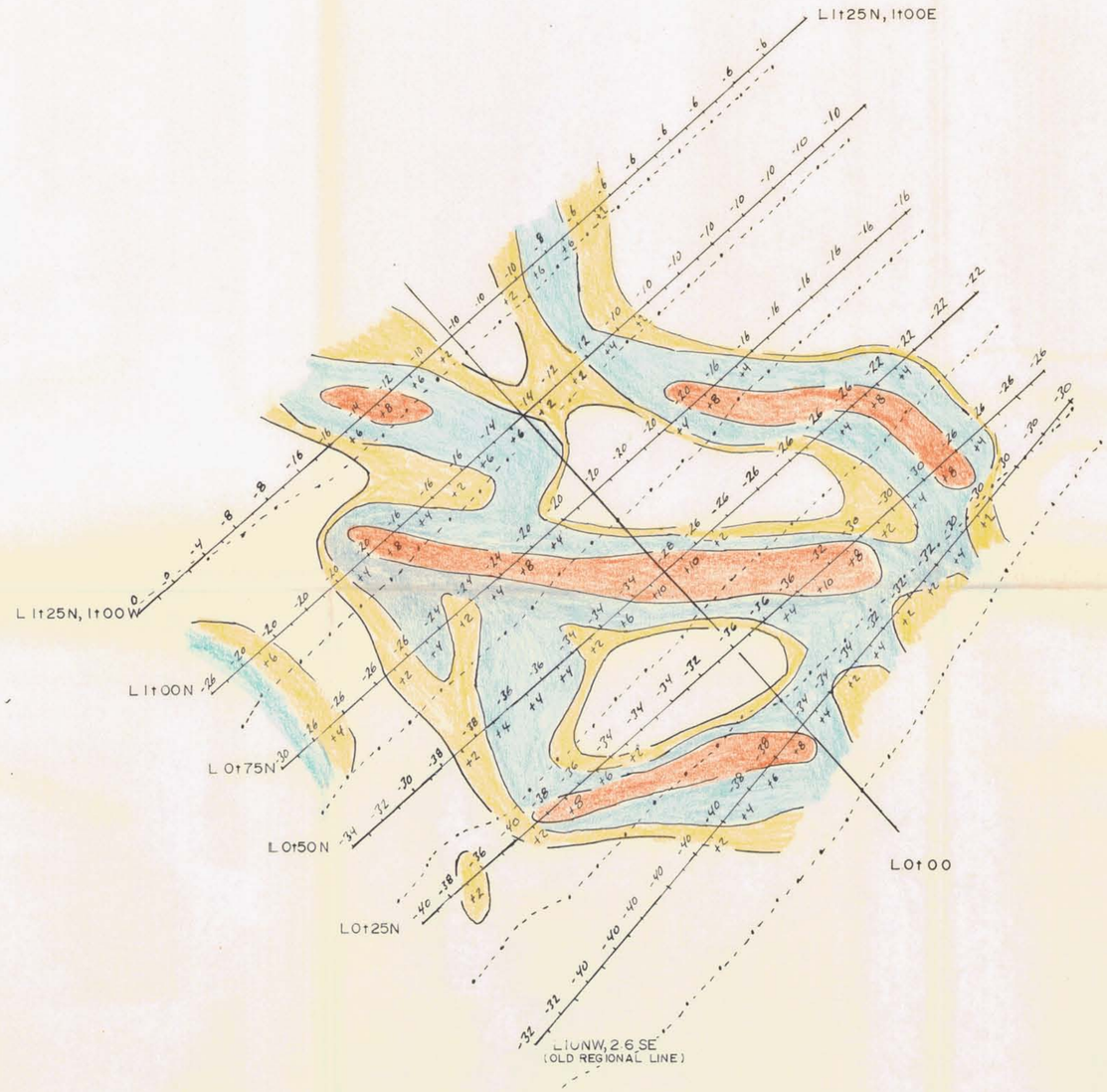
WORKING PLACE:

BASED ON: FIELD WORK BY S.I., G.C.

DATE OF WORK: OCT. 1984 | MAP REF. NO.: | FIG. NO.: 4-2

DRAWN BY: S. I.

DATE: DEC. 84 | N.T.S. NO.: 103 B/6 E



N

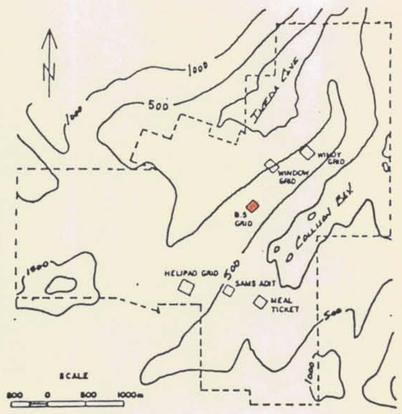
INPHASE DIP ANGLE PROFILE

INPHASE DIP ANGLE

-4 -4 -2 0 +2 +4 +2 0 -2

+6 +8 +8 +4

FRASER FILTERED (+VE VALUES)



N

DIRECTION OPERATER-INSTRUMENT FACING

CUTLER, MAINE

RECIEVER: GEONICS Ltd. V.L.F-E.M. 16

ALL READINGS TAKEN FACING ~ 205°

TRANSMITTER: NAA 17.8 KHz

CUTLER, MAINE, U.S.A.

FRASER FILTERED CONTOURS

- 0
- + 4
- + 8
- + 12
- + 20

VERTICAL SCALE

50 25 0 50 100 DEGREES

20 10 0 20 40 60 M

SCALE: 1 1000

FALCONBRIDGE LIMITED

PROPERTY: IKEDA	PROJECT No.:
LOCATION: B. 5. GRID (10,000 ppb Au)	
TYPE OF MAP: V.L.F. E.M. (IN-PHASE)-FRASER FILTERED	
WORKING PLACE:	
BASED ON: Field work by G.C. AND J.R.	
DATE OF WORK: OCT. 1984	MAP REF. NO.:
DRAWN BY: J.R.	APP. 4-3
DATE: FEB. 1985	N.T.S. NO.: 103 B/6E

APPENDIX #5

SHOWING DATA SHEET

Name: Window Grids

Location: On north facing slope of the ridge between Ikeda Cove and Collison Bay, 150m SE of the western end of the Rose Pit between 195m (650 ft) and 260m (850 ft) elevation.

Work Performed: Detail soil geochemistry (10m spacing), detailed (1:1000) mapping, VLF-EM (10m spacing).

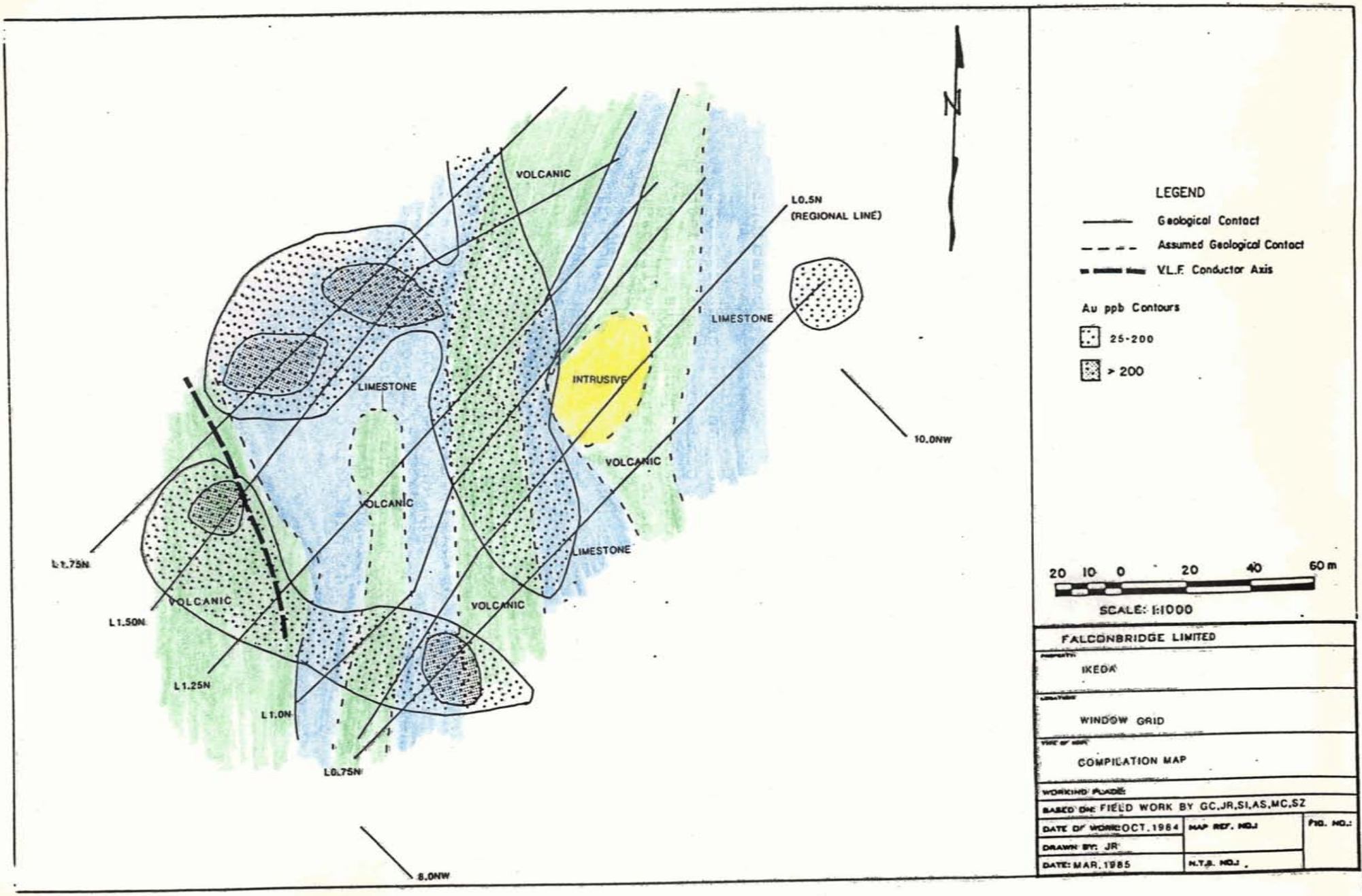
Results: Detailed work initiated as a result of elevated gold values in the soils. Detailed gold geochemistry illustrates a zone near the north end of the grid with anomalous gold values (max. 500ppb). The central and southeast portion of the grid displays moderate gold values (max. 310ppb).

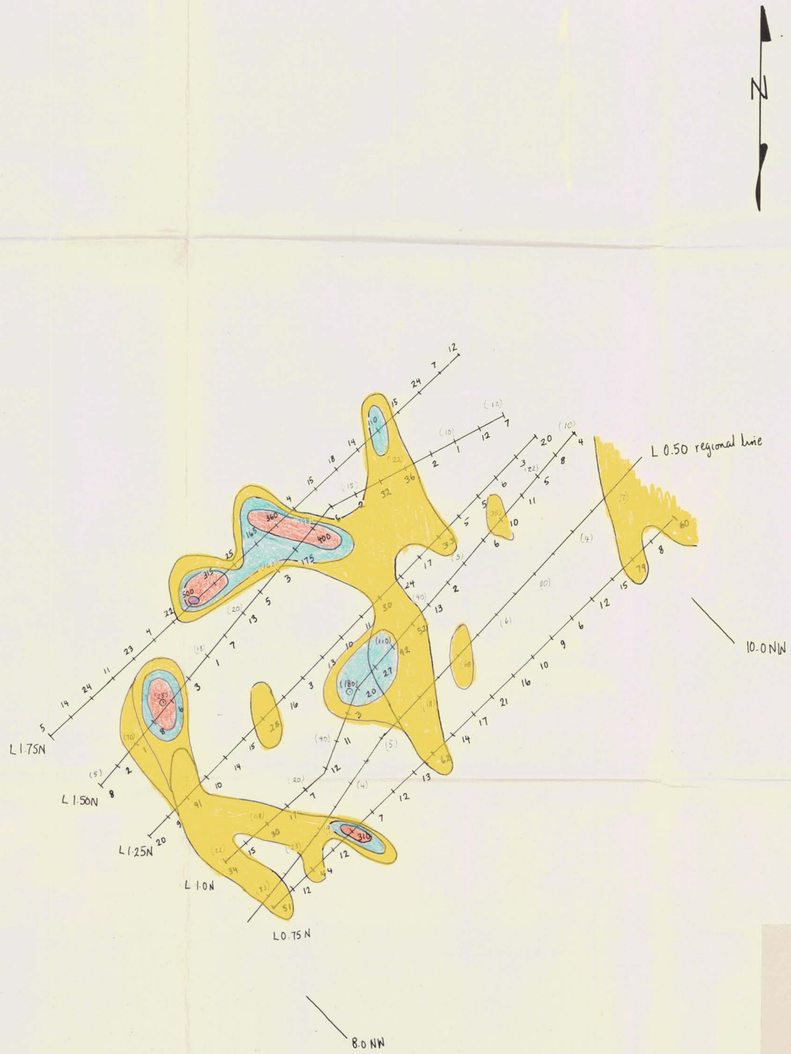
Geological mapping indicates an interbedded volcanic-limestone complex with minor dykes distributed throughout the area.

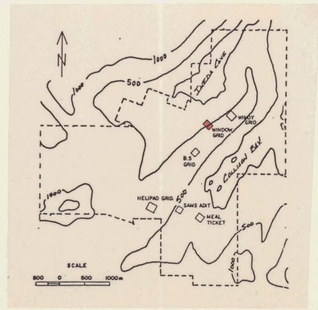
VLF-EM indicates a general north south trending anomaly slightly offset to the west of the soil anomalies. The anomaly is interpreted to be due to a limestone/volcanic contact which may be the source for the gold anomaly.

Recommendations: In spite of the apparent lower levels of gold in soils over the area, the anomaly is worth investigating further. There is the possibility that the gold mineralization is emanating from a similar source as in the case of the Windy Grid (App. 1) anomalies.

Drilling of 2 short holes (30-50m) from one side of the anomaly to intersect the zone is recommended. However, at present the drilling should be given a low priority as there are other targets which should be drilled first.


VOLCANIC
L0.5N
(REGIONAL LINE)
LIMESTONE
INTRUSIVE
LIMESTONE
VOLCANIC
VOLCANIC
VOLCANIC
LIMESTONE
VOLCANIC
L1.75N
L1.50N
L1.25N
L1.0N
L0.75N
10.0NW
8.0NW
N
LEGEND
Geological Contact
Assumed Geological Contact
V.L.F. Conductor Axis
Au ppb Contours
25-200
> 200
20 10 0 20 40 60 m
SCALE: 1:1000
FALCONBRIDGE LIMITED
IKEDA
WINDOW GRID
COMPILATION MAP
BASED ON: FIELD WORK BY GC,JR,SI,AS,MC,SZ
DATE OF WORK: OCT. 1984
MAP REF. NO.:
FIG. NO.:
DRAWN BY: JR
DATE: MAR. 1985
N.T.S. NO.:





MAP REF. NO.:
N.T.S.:

LEGEND

Au Geochemistry ppb

NEW DETAILED SAMPLES 12

OLD REGIONAL SAMPLES (12)

Au CONTOURS (ppb)

- 25
- 100
- 200
- 500
- 1000

⊙ SPOT ANOMALY

m 20 10 0 20 40 60 m

SCALE: 1:1000

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

LOCATION: WINDOW GRID (ROSE RT.)

TYPE OF MAP: AU GEOCHEMISTRY (PPB)

WORKING PLACE:

BASED ON: Field work by G.C. & S.Z.

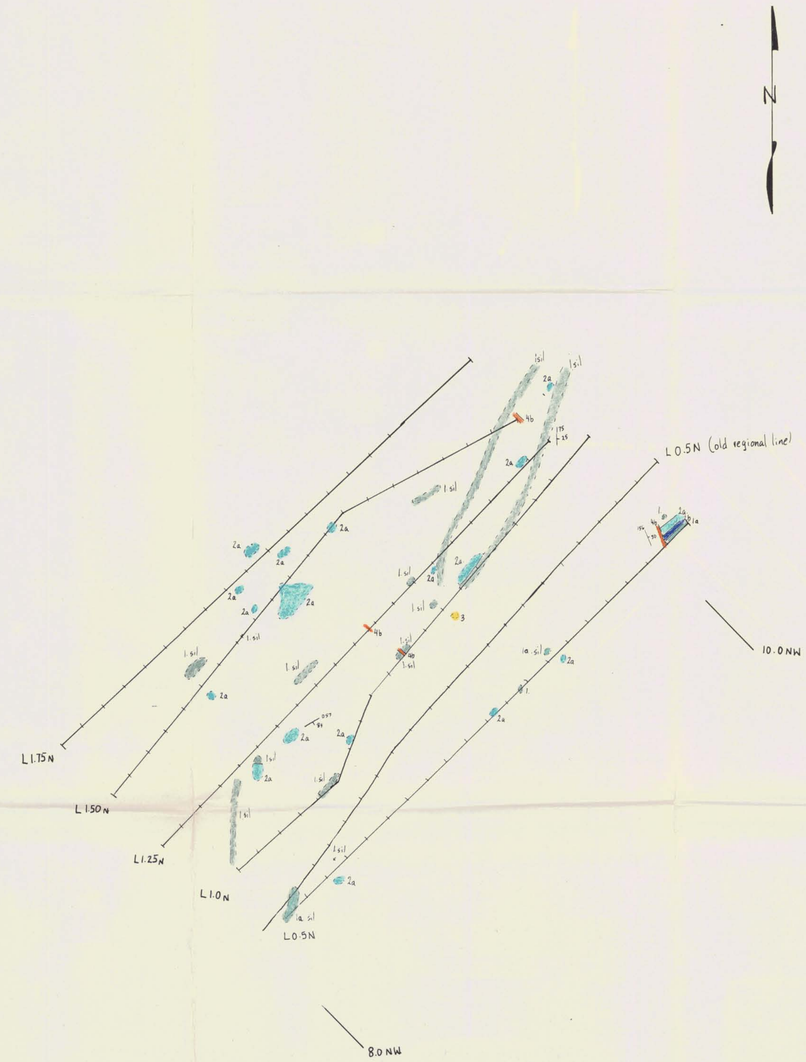
DATE OF WORK: OCT. 1984 | MAP REF. NO.: | FIG. NO.: 5-1

DRAWN BY: S.I. |

DATE: NOV. 84 | N.T.S. NO.: 103 B/6 E

NO. 279

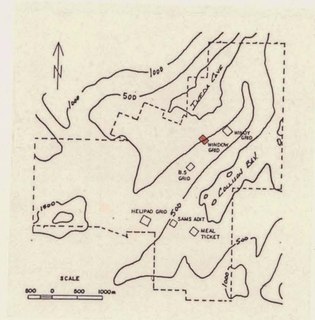
MAP REF. NO.:
N.T.S.:



LEGEND

Outcrop
Geological Contact
Bedding Attitude

1. VOLCANICS — a. Porphyry
2. SEDIMENTS — a. Limestone; b. Argillite
3. INTRUSIVES — Diorite to Granodiorite
4. DYKES — a. Felsic; b. Intermediate



m 20 10 0 20 40 60 m
SCALE: 1:1000

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

LOCATION: WINDOW GRID (detailed follow up of ROSE GRID)

TYPE OF MAP: GEOLOGY

WORKING PLACE:

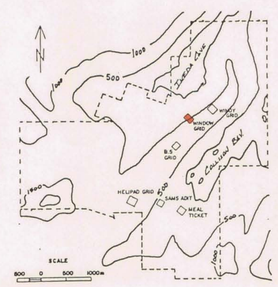
BASED ON: FIELD WORK by A.S.

DATE OF WORK: OCT 1984 | MAP REF. NO.: | FIG. NO.: 5-2

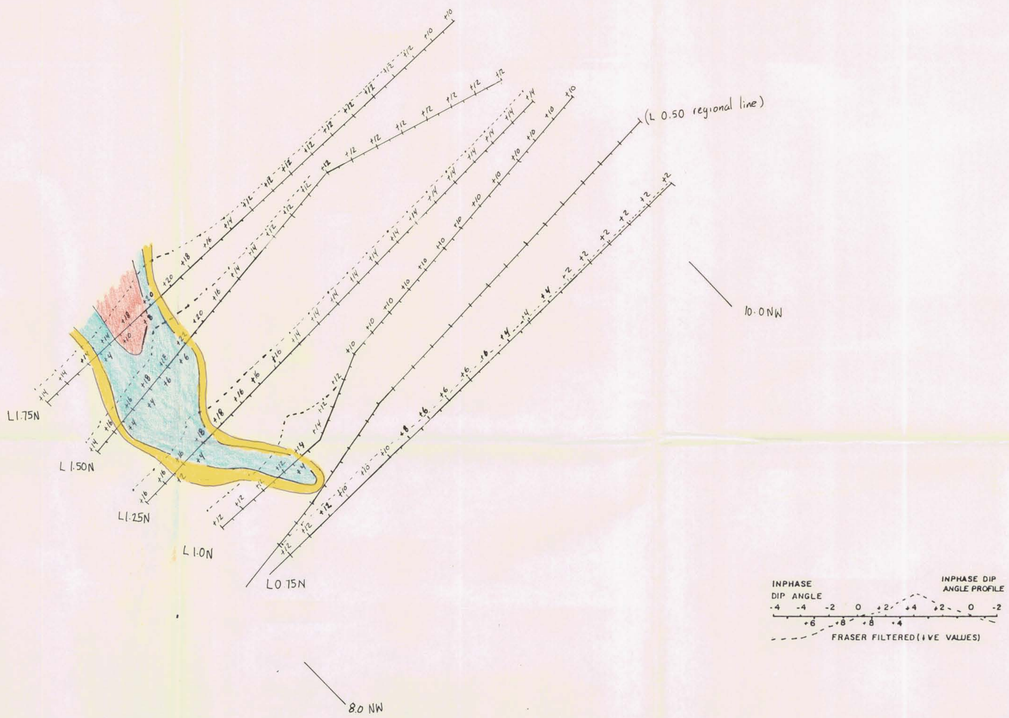
DRAWN BY: A.S.T.

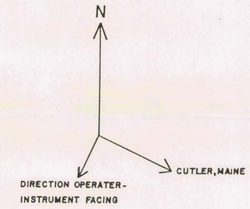
DATE: DEC 84 | N.T.S. NO.: 103 B/6 E

NCI 223



MAP REF. NO.:
N.T.S.:





RECIEVER: GEONICS Ltd. VLF-E.M. 16
ALL READINGS TAKEN FACING ~ 205°

TRANSMITTER: NAA 17.8 KHz
CUTLER, MAINE, U.S.A.

FRASER FILTERED CONTOURS

- 0
- +4
- +8
- +12
- +20

VERTICAL SCALE
50 25 0 50 100 DEGREES

20 10 0 20 40 60 M
SCALE: 1:1000

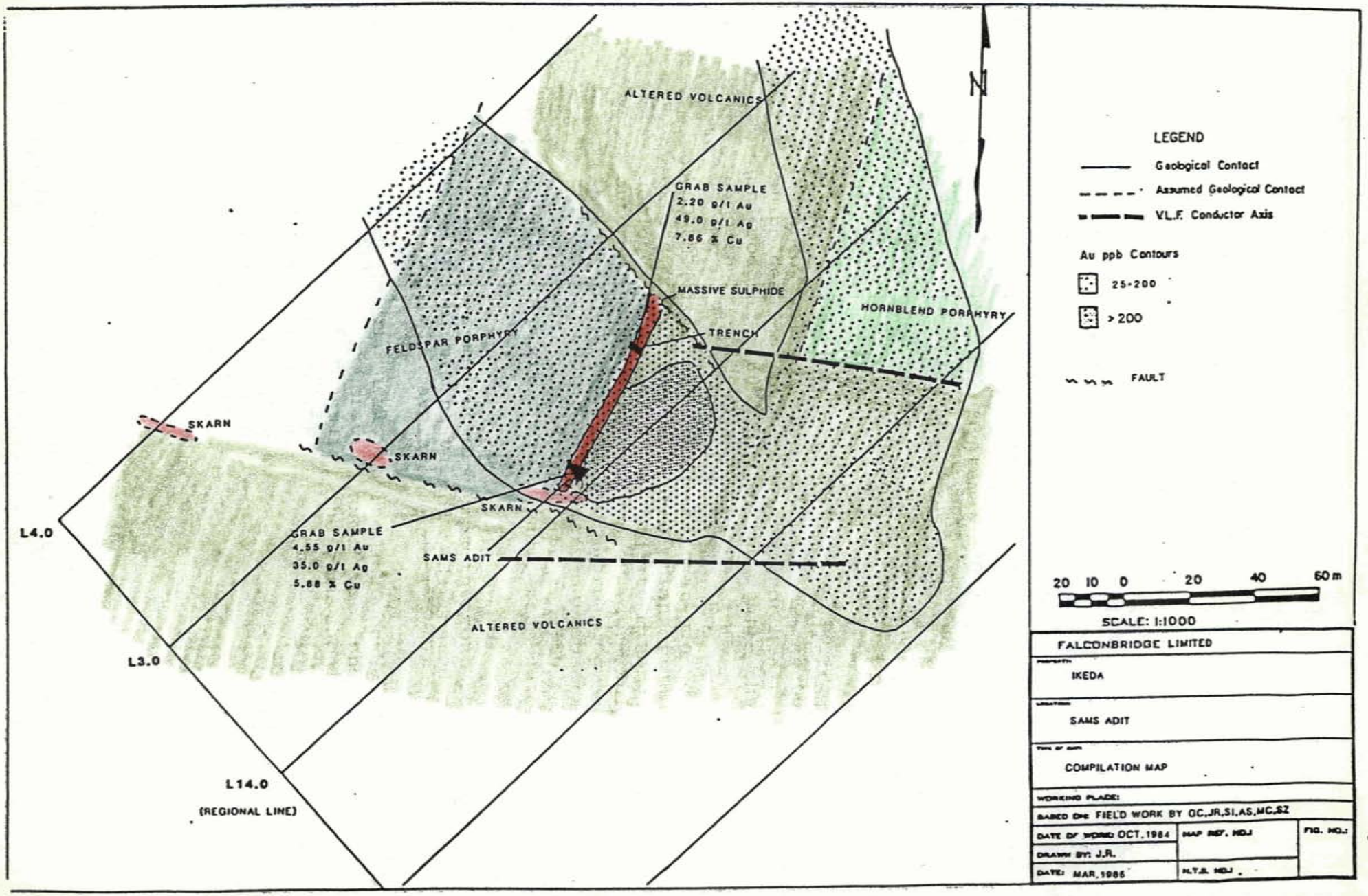
FALCONBRIDGE LIMITED		
PROPERTY: IKEDA		
LOCATION: WINDOW GRID		
TYPE OF MAP: V.L.F. - E.M.16 (INPHASE) FRASER FILTERED		
WORKING PLACE:		
BASED ON: FIELD WORK BY G.C. & J.R.		
DATE OF WORK: OCT. 1984	MAP REF. NO.:	FIG. NO.: 5-3
DRAWN BY: J.R.		
DATE: FEB. 1985	N.T.S. NO.: 103 B/6E	

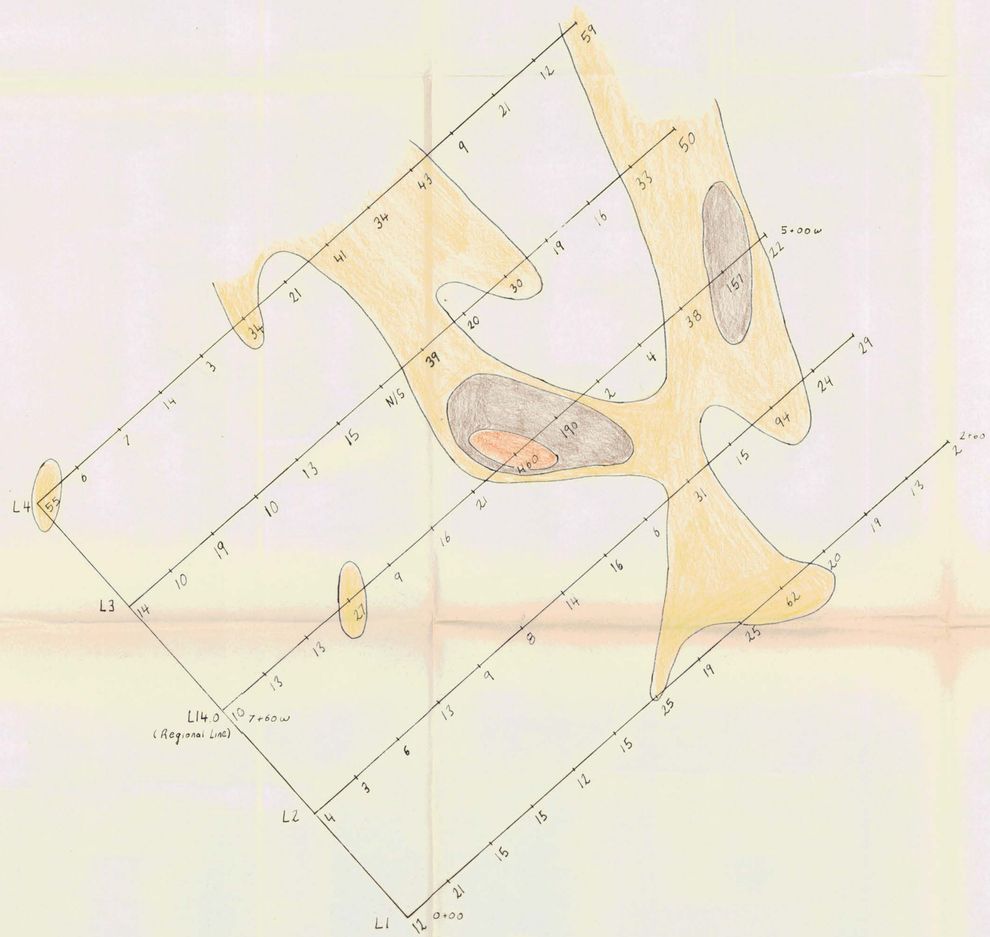
NO. 273

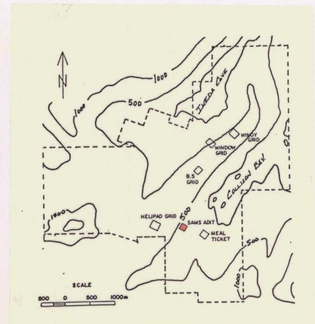
APPENDIX #6

SHOWING DATA SHEET

Name:	Sam's Adit
Location:	On south facing slope of ridge between Collison Bay and Ikeda Cove, 1100m west of the northern head of Collison Bay at an elevation of 70m (235 ft).
Work Performed:	Detailed (1:1000) mapping, soil geochemistry (20m spacing), VLF-EM (20m spacing) trenching.
Results:	Detailed work initiated as a result of the discovery of an old adit and long sulphide lens. Favourable gold in soils incurred during reconnaissance soil survey. Follow-up soil geochemistry gave disappointing results. No real extension to initial survey indicated. Geologic mapping has outlined what is interpreted to be a restricted lens of massive to semi-massive sulphides (po, py, cp) which generally conforms to observed bedding attitudes. Trenching of the lens northeast of the adit returned good results. VLF-EM did not detect the body; possibly this is due to the attitude of the lens.
Recommendations:	Because this deposit appears to be fault controlled, it should be given a low priority for further work. If sufficient funds are available, ground EM should be done over the area to attempt to define the extent of the lens down dip. Should sufficient extension to make a reasonable deposit be indicated, consideration should be given to drilling the showing.


ALTERED VOLCANICS
GRAB SAMPLE
2.20 g/t Au
49.0 g/t Ag
7.86 % Cu
MASSIVE SULPHIDE
HORNBLEND PORPHYRY
TRENCH
FELDSPAR PORPHYRY
SKARN
SKARN
SKARN
GRAB SAMPLE
4.55 g/t Au
35.0 g/t Ag
5.88 % Cu
SAMS ADIT
ALTERED VOLCANICS
L4.0
L3.0
L14.0
(REGIONAL LINE)
N
LEGEND
Geological Contact
Assumed Geological Contact
V.L.F. Conductor Axis
Au ppb Contours
25-200
>200
FAULT
20 10 0 20 40 60 m
SCALE: 1:1000
FALCONBRIDGE LIMITED
IKEDA
SAMS ADIT
COMPILATION MAP
WORKING PLACE:
BASED ON: FIELD WORK BY GC,JR,SI,AS,MC,SZ
DATE OF WORK: OCT. 1984
MAP REF. NO.:
FIG. NO.:
DRAWN BY: J.R.
DATE: MAR. 1985
N.T.S. NO.:





MAP REF. NO.:
N.T.S.:

Au CONTOURS (ppb)

- 25
- 100
- 200
- 500
- 1000

20 10 0 20 40 60 m
SCALE: 1:1000

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

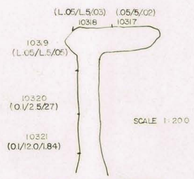
LOCATION: SAMS ADIT

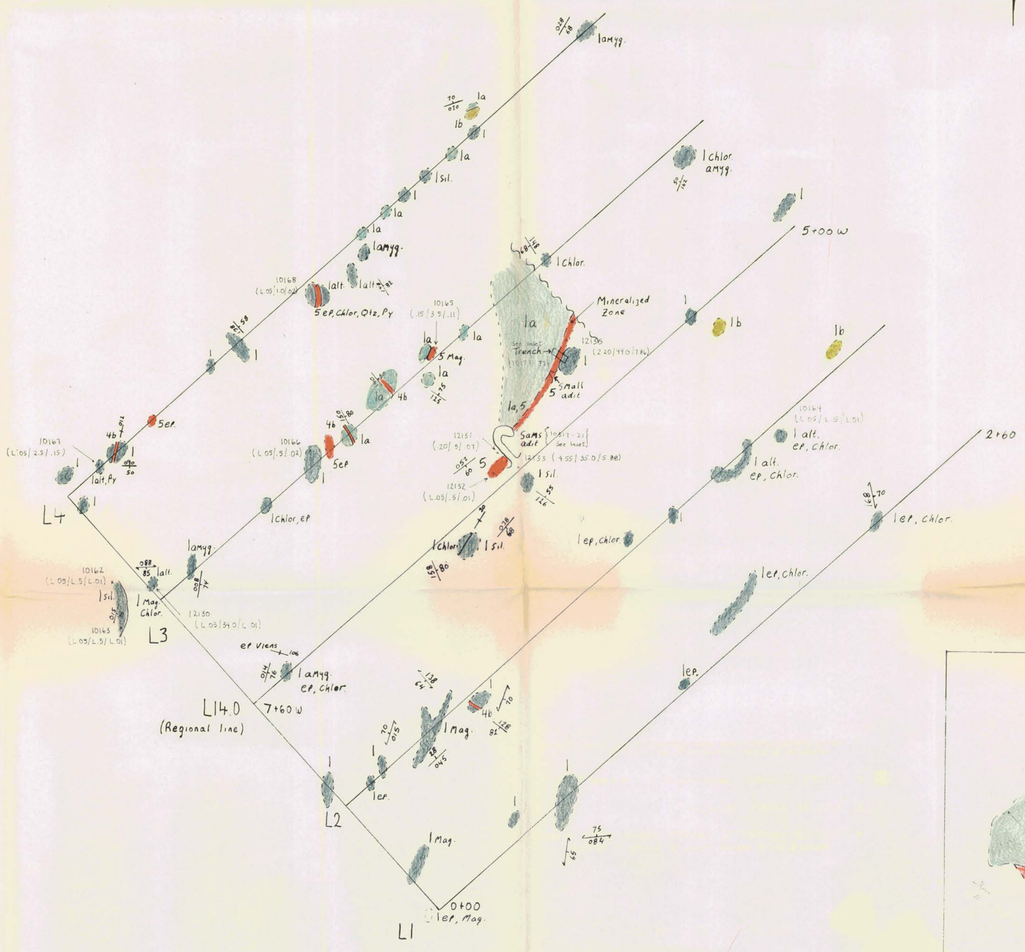
TYPE OF MAP: AU GEOCHEM. (ppb)

WORKING PLACE:

BASED ON: Field work by G.C. & S.Z.

DATE OF WORK: OCT'84	MAP REF. NO.:	FIG. NO.:
DRAWN BY: J.R.		6-1
DATE: NOV. 84	N.T.S. NO.: 103 B/6 E	





LEGEND

Outcrop	
Rock Sample	× 12345
Assay Values	(Au g/tonne / Ag g/tonne / Cu %)
Jointing	
Bedding Attitude	
Foliation	
Geological Contact	defined assumed
Fault	

▨	I. Volcanic	a) Feldspar Porphyry 20-30 % Feldspar, Maybe Brecciated
▨		b) Hornblende Porphyry Intermediate
▨	2. Sediments	
▨	3. Intrusive	
▨	4. Dike	a) Felsic
▨		b) Mafic
▨	5. Skarn	

20 10 0 20 40 60 m

SCALE:1:1000

- ▨ 1 UPPER VOLCANIC – FSP PORPH.;BX ABOVE SULPHIDE/MT. SKARN ; PERVASIVE QTZ/FSP VEINING ESP. ABOVE SKARN
- ▨ 2 LOWER VOLCANIC MAFIC CHL-EP. ALT. REMNANT AMYG.
- ▨ 3 EPIDOTE SKARN GT, CP, PO.
- ▨ 4 SULPHIDE MAGNETITE GARNET SKARN MAINLY CP, PO, MT PINKISH & BROWN GARNET ± CHL. DIO. BANDED IN PLACES

SAM'S ADIT – TRENCH

SCALE 1:100

0 1 2 3 4 m

SAMPLE NUMBER	LENGTH(m)
10174	2.0 m
10175	2.5 m
10176	4.0 m

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

LOCATION: SAMS ADIT

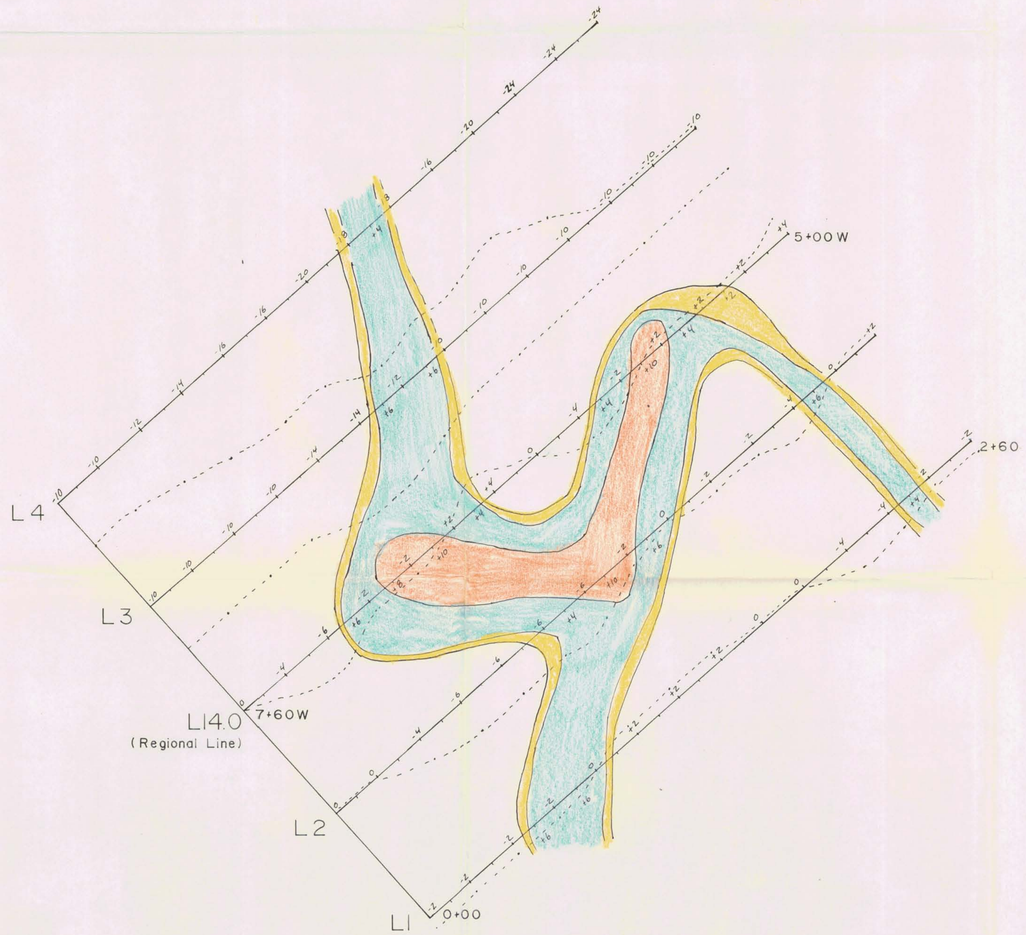
TYPE OF MAP: GEOLOGY

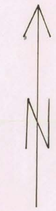
WORKING PLACE:

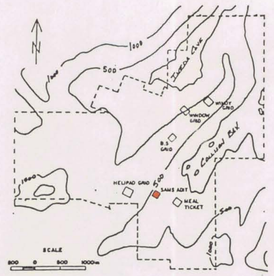
BASED ON: FIELD WORK by G.C., A.S., I.R.

DATE OF WORK: OCT'84	MAP REF. NO.:	APP. 6-2
DRAWN BY: J.R.		
DATE: DEC 84	N.T.S. NO.: 103 B/6E	

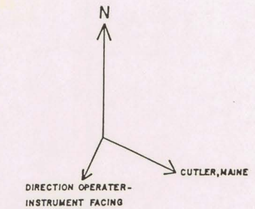
MAP REF. NO.:
N.T.S.:







MAP REF. NO.:
N.T.S.:

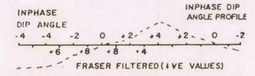


RECIEVER: GEONICS Ltd. V.L.F.-E.M.16
ALL READINGS TAKEN FACING ~ 205°

TRANSMITTER: NAA 17.8 KHz
CUTLER, MAINE, U.S.A.

FRASER FILTERED CONTOURS

- 0
- +4
- +8
- +12
- +20



VERTICAL SCALE

10 5 0 10 20 30 DEGREES

20 10 0 20 40 60 m

SCALE: 1:1000

FALCONBRIDGE LIMITED		
PROPERTY: IKEDA		
LOCATION: SAMS ADIT		
TYPE OF MAP: V.L.F. - E.M.16 (INPHASE) FRASER FILTERED		
WORKING PLACE:		
BASED ON: FIELD WORK BY G.C. & J.R.		
DATE OF WORK: OCT '84	MAP REF. NO.:	FIG. NO.: 6-3
DRAWN BY: J.R.		
DATE: FEB. 1985	N.T.S. NO.: 103B/6E	

NCI. 273

APPENDIX #7

SHOWING DATA SHEET

Name: Meal Ticket Adit

Location: On south side of small knoll along cut line extending from southwest head of Collison Bay.

Work Performed: Reconnaissance soil sampling (25m spacing), 1:1000 scale mapping along reconnaissance lines, VLF-EM (20m station spacing), channel sampling of adit, systematic sampling of dumps.

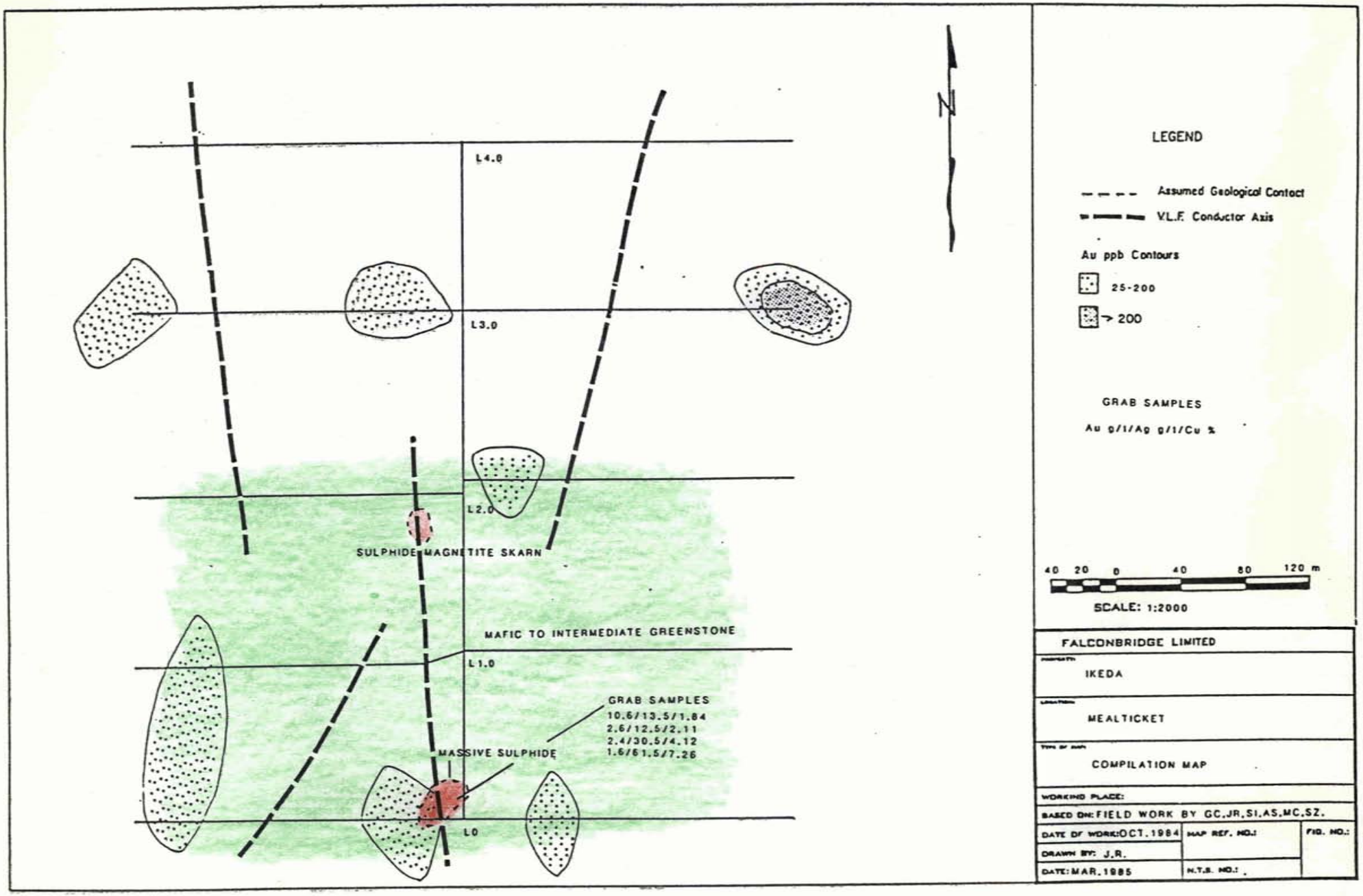
Results: Gold soil geochemistry disappointing. Possibly this is a function of soil quality, noted to generally be leached "A" horizon.

Mapping and channel sampling of adit indicates a narrow vein of massive and semi-massive sulphides (po, py, cp) with a northeast trend and moderate (60°) dip to the west - channel sampling results disappointing.

VLF-EM (in phase) indicates that the vein may extend to the north. Correlation of surface geology with geophysics suggests minor skarn outcrops may be surface expression. Sulphides in lens appear, on basis of morphology and texture, to represent primary metasomatic fluid# deposition along major tension fracture. Sulphide deposition is clearly post deformational.

Systematic sampling of dumps in front revealed much more promising values. Estimated reserves; 1,800 tons with average grade 1.22g/t Au.

Recommendations: Detailed structural mapping and geophysics to verify presence of vein should be done. Depending upon results, the vein should then be drilled.


L4.0
L3.0
L2.0
L1.0
L0
SULPHIDE MAGNETITE SKARN
MAFIC TO INTERMEDIATE GREENSTONE
MASSIVE SULPHIDE
GRAB SAMPLES
10.6/13.5/1.84
2.6/12.5/2.11
2.4/30.5/4.12
1.6/61.5/7.26
N
LEGEND
Assumed Geological Contact
V.L.F. Conductor Axis
Au ppb Contours
25-200
> 200
GRAB SAMPLES
Au g/t/Ag g/t/Cu %
40 20 0 40 80 120 m
SCALE: 1:2000
FALCONBRIDGE LIMITED
IKEDA
MEALTICKET
COMPILATION MAP
WORKING PLACE:
BASED ON: FIELD WORK BY GC,JR,SI,AS,MC,SZ.
DATE OF WORK: OCT. 1984
MAP REF. NO.:
FIG. NO.:
DRAWN BY: J.R.
DATE: MAR. 1985
N.T.S. NO.:

MAP REF. NO.:
N.T.S.:

N

L5.0

L4.0

L3.0

L2.0

L1.0

L0

L 20 SE

L 18 SE

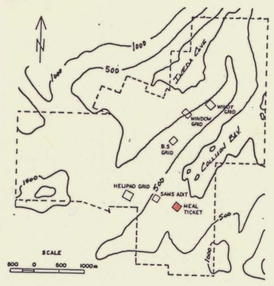
LEGEND

- OUTCROP
- BEDDING ATTITUDE
- GEOLOGICAL CONTACT
- ADIT
- WASTE DUMP
- ROCK SAMPLE x10100 ASSAY (Au g/tonne / Ag g/tonne / Cu %)
- STREAM
- TRAMLINE

1 MAFIC TO INTERMEDIATE GREENSTONES
- 1A MAFIC FELDSPAR PORPHRY, chl.alt. may be brecciated
- 1B HORNBLENDE FELDSPAR PORPHYRY
- 1C MAFIC TO INTERMEDIATE DYKES

2 FELSIC
- 2A QUARTZ FELDSPAR HORNBLENDE PORPHYRY
- 2B FELSIC FLOWS OR DYKES

3 SULPHIDE MAGNETITE SKARN



m 20 10 0 20 40 60 m

SCALE: 1:1000

ADIT CHANNEL SAMPLES (3m SAMPLES)

12119	(L.05/ 1.0/ 0.9)
12120	(.35/ 2.0/ .24)
12121	(L.05/ 2.0/ .33)
12122	(.75/ 7.0/ .98)
12123	(.90/ 4.5/1.09)
12124	(.10/ L.5/ .01)
12247	(L.05/ 3.0/ .17)
12248	(L.05/ 9.0/ .57)
10309	(.90/ 3.5/ .31)
10310	(L.05/1.0/L.01)
10311	(.20/ 1.5/ .13)
10312	(L.05/12.0/1.36)
10313	(.10/ L.5/ .04)

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

LOCATION: MEALTICKET

TYPE OF MAP: GEOLOGY

WORKING PLACE:

BASED ON: FIELD WORK by A.S., G.C.

DATE OF WORK: OCT 1984 | MAP REF. NO.: | FIG. NO.: 7-1

DRAWN BY: S.I.

DATE: DEC 84 | N.T.S. NO.: 103 B/6 E

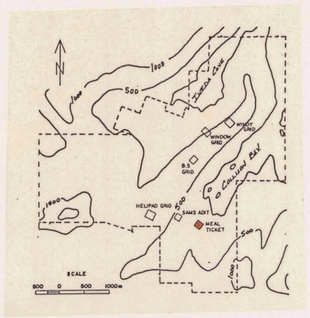
NCI 273

L 3.0

L 2.0

L 1.0

L 0



MAP REF. NO.:
N.T.S.:

AU CONTOURS (ppb)

- 25
- 100
- 200

20 10 0 20 40 60 m

SCALE: 1:1000

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

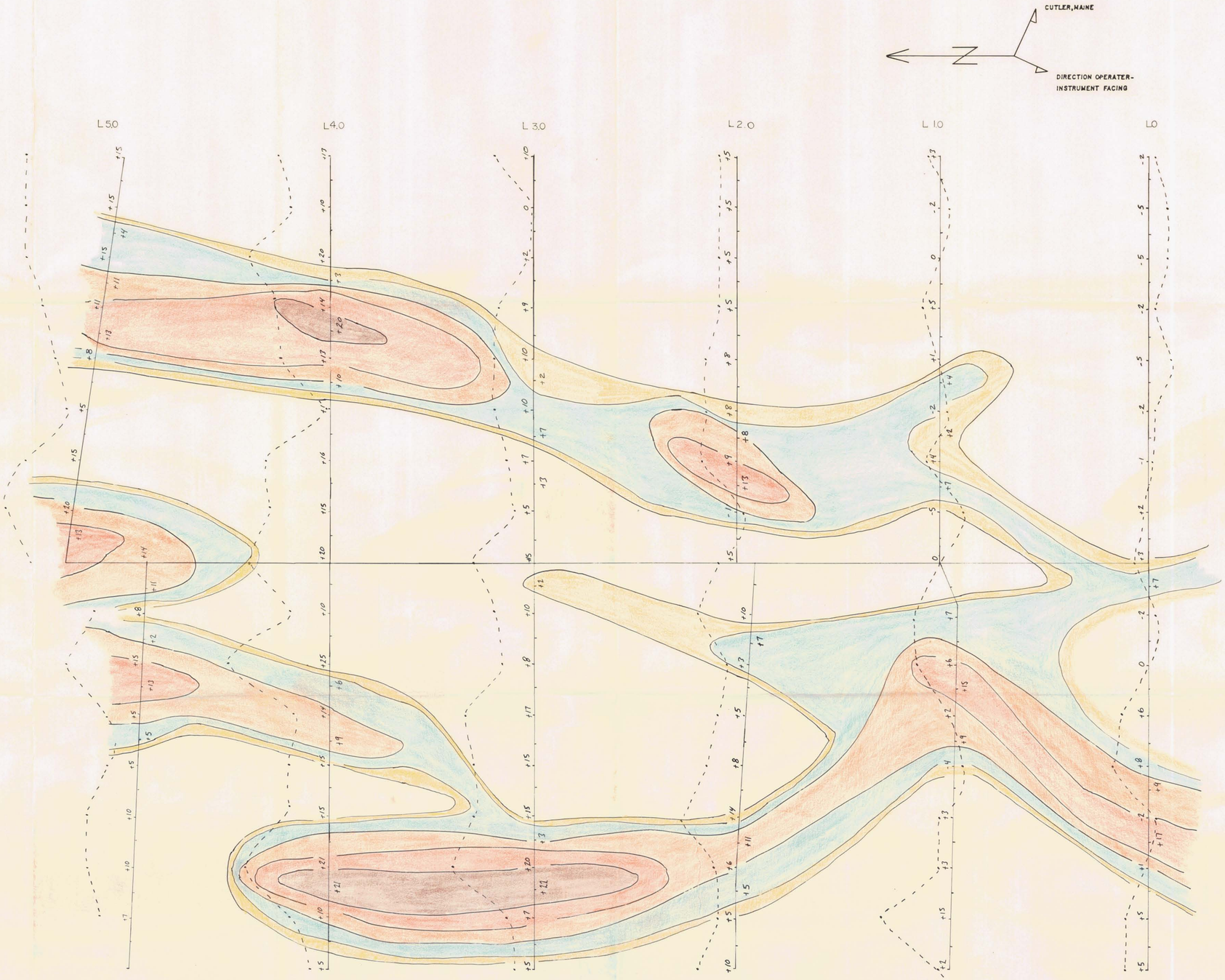
LOCATION: MEALTICKET

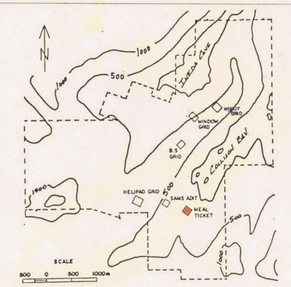
TYPE OF MAP: AU GEOCHEMISTRY

WORKING PLACE:

BASED ON: Field work by M.C.

DATE OF WORK: 10/84	MAP REF. NO.:	FIG. NO.: 3-2
DRAWN BY: S. I.		
DATE: 11/84	N.T.S. NO.: 103 B/6E	





MAP REF. NO.:
N.T.S.:

RECIEVER: GEONICS Ltd. V.L.F.-E.M. 16
ALL READINGS TAKEN FACING ~ 205°

TRANSMITTER: NAA 17.8 KHz
CUTLER, MAINE, U.S.A.

INPHASE DIP ANGLE
-4 -4 -2 0 +2 +4 +2 0 -2
-6 -8 -8 -4
INPHASE DIP ANGLE PROFILE
FRASER FILTERED(-IVE VALUES)

FRASER FILTERED CONTOURS
- 0
- +4
- +8
- +12
- +20

VERTICAL SCALE
10 5 0 10 20 30 DEGREES
20 10 0 20 40 60 m
SCALE: 1:1000

FALCONBRIDGE LIMITED

PROPERTY: IKEDA

LOCATION: MEALTICKET

TYPE OF MAP: VL.F.-E.M. (INPHASE) FRASER FILTERED

WORKING PLACE:

BASED ON: FIELD WORK BY M.C. & G.C.

DATE OF WORK: OCT 1984 | MAP REF. NO.: | FIG. NO.: 7-3

DRAWN BY: J.R.

DATE: FEB. 1985 | N.T.S. NO.: 103B/6E

NCL 23