

87-81-15578



VOL. II MAPS
FOR
REPORT ON PHASES I, II AND III
GEOLOGY, GEOCHEMISTRY, GEOPHYSICS
AND DIAMOND DRILLING
ON THE

3/88

MIKE PROPERTY

VICTORIA MINING DIVISION, B.C.
NTS M92C/16E 49°54'N LAT. 124°05'E LONG.

FOR
INTERNATIONAL CHEROKEE DEVELOPMENTS LTD.

FEB. 27, 1987
GORDON J. ALLEN, P.GEOL.

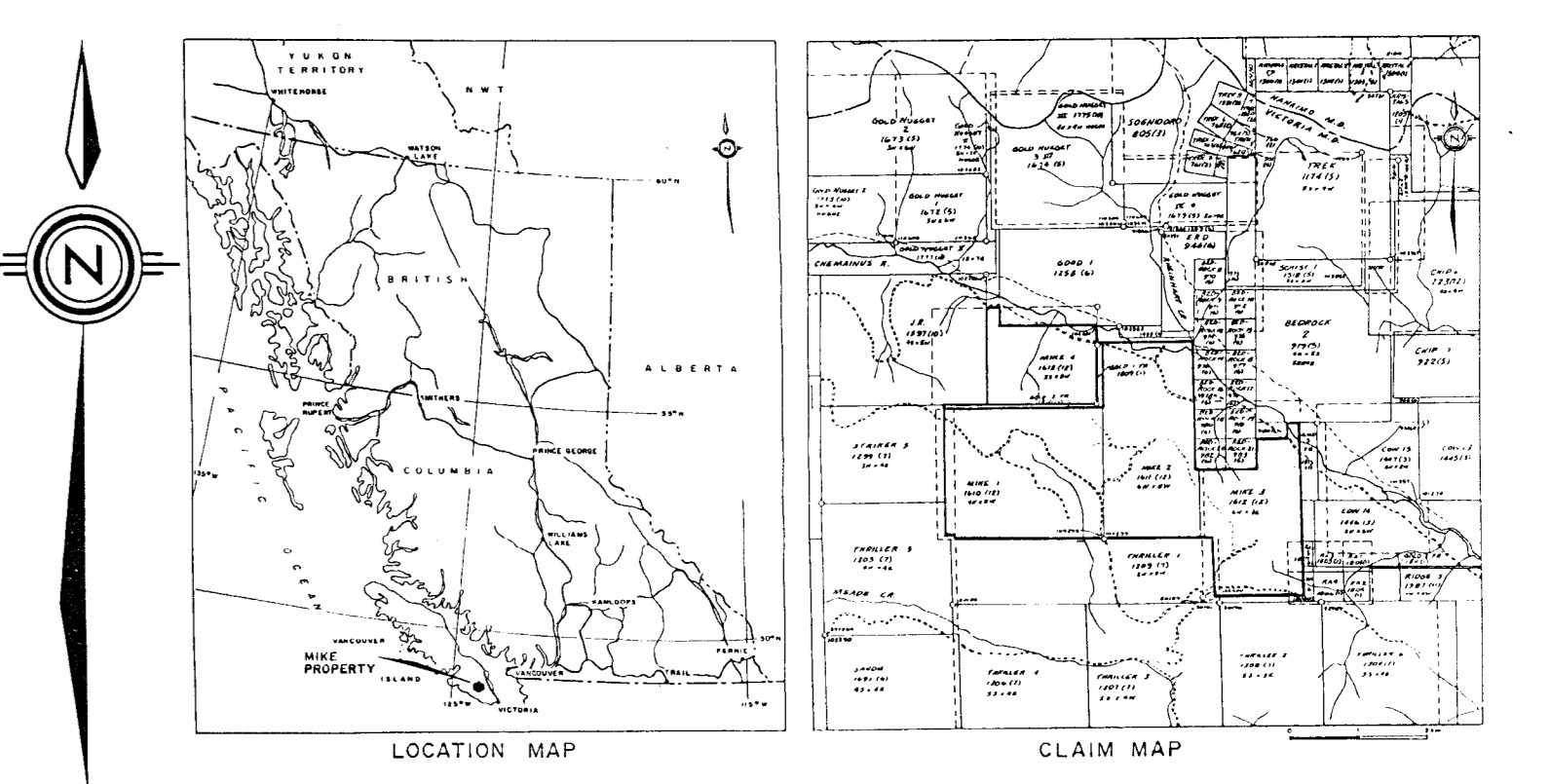
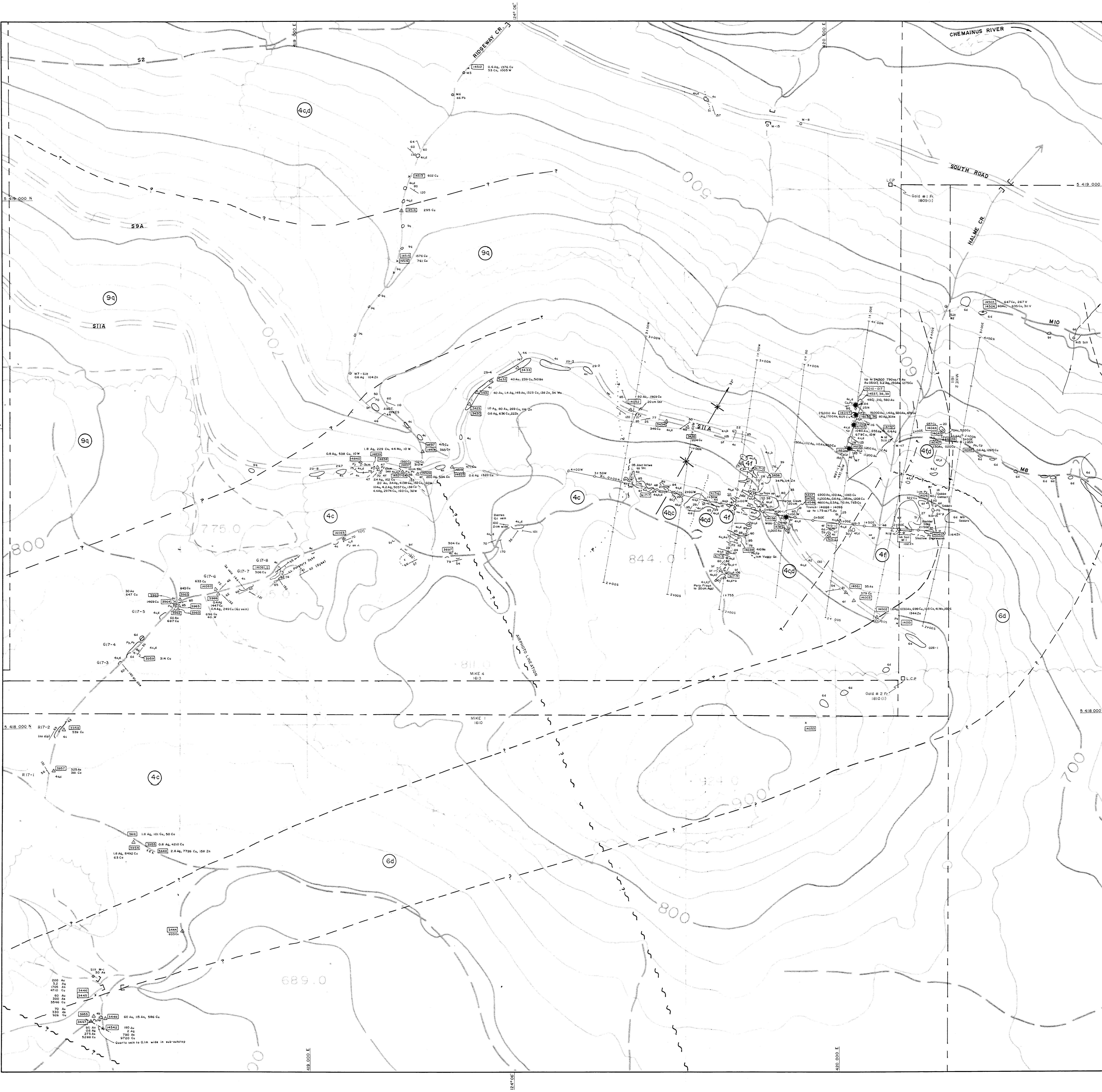
PART 2 OF 2

FILMET

SUB-RECORDER
RECEIVED
MAR 10 1987
M.R. # \$
VANCOUVER, B.C.

~~PART 2 OF 2~~
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,578



LEGEND

CEANOZOIC

QUATERNARY

12 Unconsolidated materials: glacial outwash, till, and siltstone

MESOZOIC

CRETACEOUS

13 NANAIMO GROUP conglomerate, sandstone, siltstone, shale, minor coal (undifferentiated)

JURASSIC

4 ISLAND INTRUSIVES

41 Intrusive porphyry

42 Granite

43 Granitoid to quartz diorite

TRIASSIC

4 Komatite formation (T): Basaltic rocks

45 Ductile

46 Gabbro and finer porphyry

PALEOZOIC

UPPER SILURIAN TO LOWER PERMIAN

SICKEN GROUP

4 Cameron River Formation (formerly mapped as Myra and/or Sediment Hill Formations)

4a argillite, siltstone, chert, shale, pyroclastic

4b cherty, silty siltstone, cherty tuff, heavy ferruginous, layered

4c siltstone, locally sandstone

4d sandstone, locally sandstone

4e argillite, heavy sandstone

4f heterolithic conglomerate and sedimentary breccia

4g green phyllite (protomylonite)

4h breccia

2 Melungit-Hidge Formation (formerly mapped as Hinton and/or Myra Formations)

2a argillite

2b cherty tuff, cherty siltstone

2c silty sandstone, siltstone

2d siltstone, locally sandstone

2e coarse tuff, siltstone

2f siltstone, tuff, siltstone, conglomerate

1 Hinton Formation

1a argillite, crystalline tuff, rippled tuff

1b siltstone with siliceous breccia, conglomerate

1c medium crystalline tuff, rippled tuff

1d argillite, siltstone (flows and intrusions)

NOTE: Legend based in part on Moskey, GSC/MNR, OF 19872 and Moskey, 1987a, GSC Paper 79-30.

SYMBOLS AND ABBREVIATIONS

Geologic contacts:
 Defined, approximate, assumed, gradational
 Surface trace of axial planes:
 System, uniform
 Fault:
 Defined, approximate, assumed
 Bedding:
 Joint
 Foliation
 Shear
 Glacial striation
 Vein
 Trench
 Outcrop with field note number and lithology
 Sample locations with sample numbers and geochemical analyses (Au ppb, others ppm):
 Rock - outcrop
 Road - float
 Soil of soil
 Grid line
 Drill hole
 LCP with claim name

Roads:
 2WD accessible, all weather
 4WD accessible
 Road presently inaccessible to vehicles
 Trail

Aa arsenopyrite
 Cp chalcopyrite
 Gc galena
 Md malachite
 Pb pyrrhotite
 Py pyrite
 Sp sphalerite
 Qtz quartz
 Carb carbonate
 Sds sandstone
 Sst siltstone
 Bx breccia
 Frct(s) fracture(s)
 Shr shear
 Str stringer
 XI crystal
 Abdt abundant
 Chry cherty
 Sll siliceous, silicified
 CG coarse grained
 MG medium grained
 FG fine grained

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,578

20 metre contour interval.
 Claim boundaries from L.C.R.'s located in field.

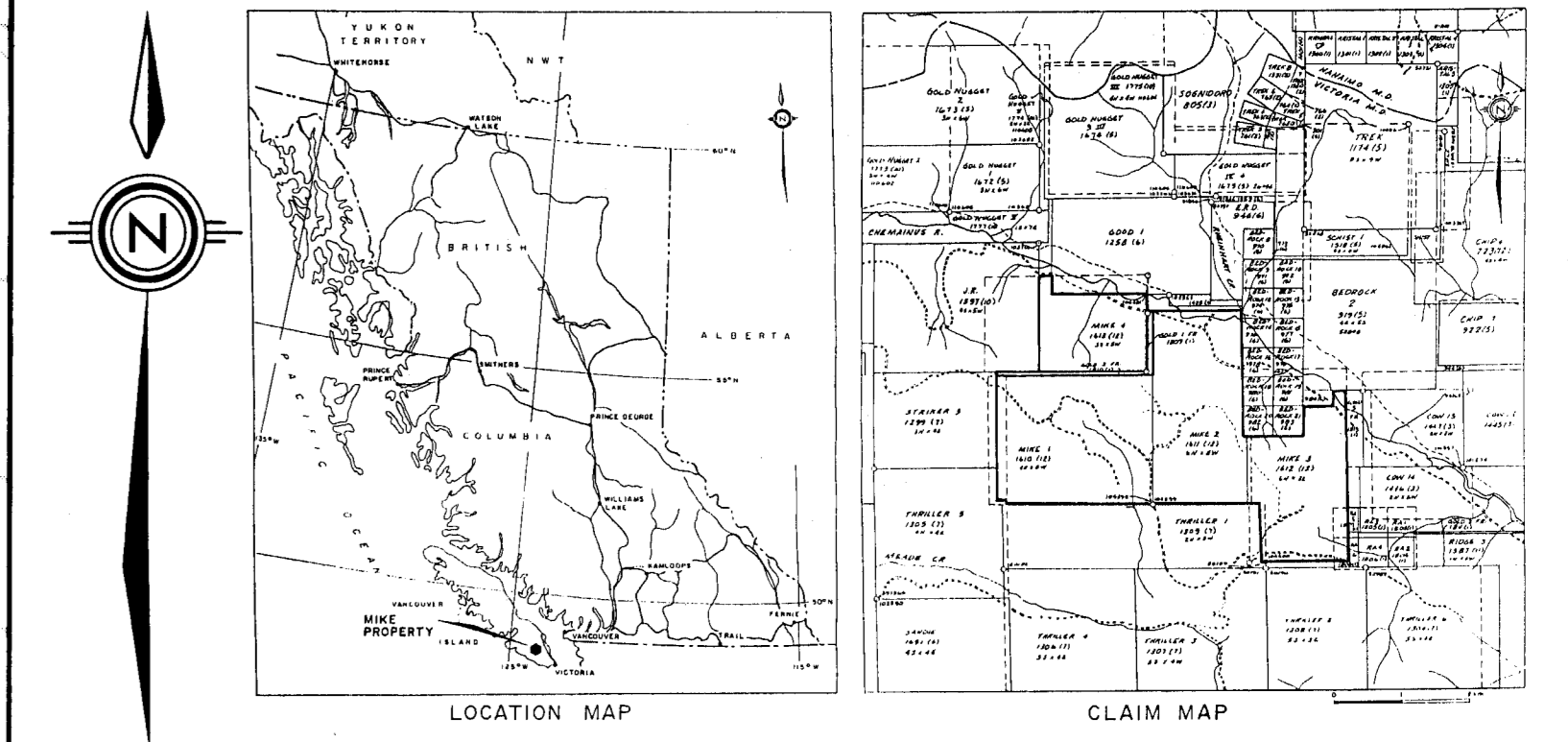
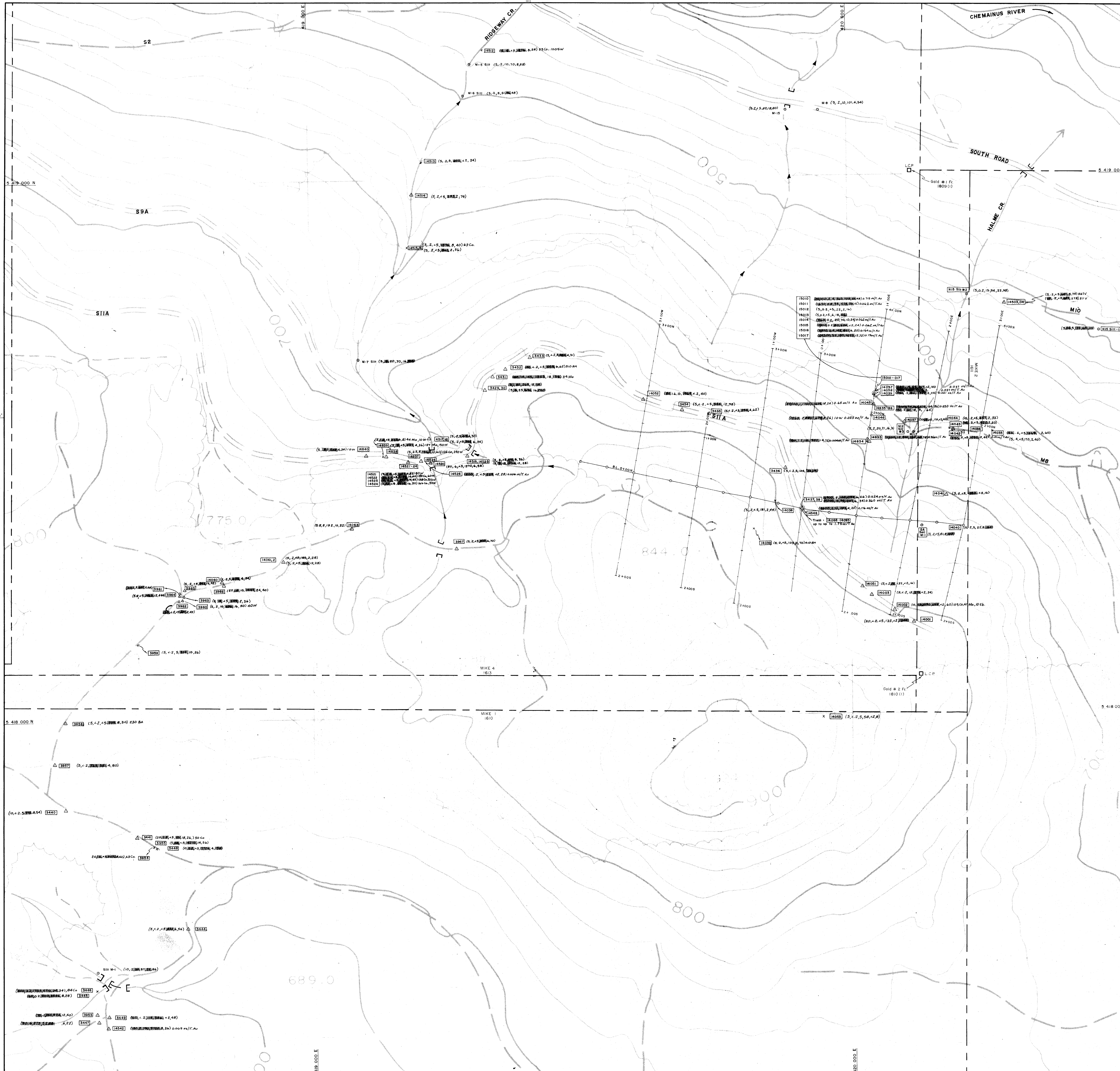
INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

GEOLOGY

MIKE GROUP
 VICTORIA MINING DIVISION

Project No: V 222 By: G.A.
 Scale: 1:2500 Drawn: M.W.
 Drawing No: 5 Date: FEBRUARY 1987

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LEGEND

Rock sample location (outcrop) with sample number
 Rock sample location (fill) with sample number
 Silt sample location with sample number

Analyses
 (5, 20, 35, 50, 6, 44) - Au, Ag, As, Cu, Pb, Zn (shaded values anomalous)

Values considered anomalous in rock
 Au > 30 ppb
 Ag > 0.4 ppm
 As > 30 ppm
 Cu > 200 ppm
 Pb > 20 ppm
 Zn > 100 ppm

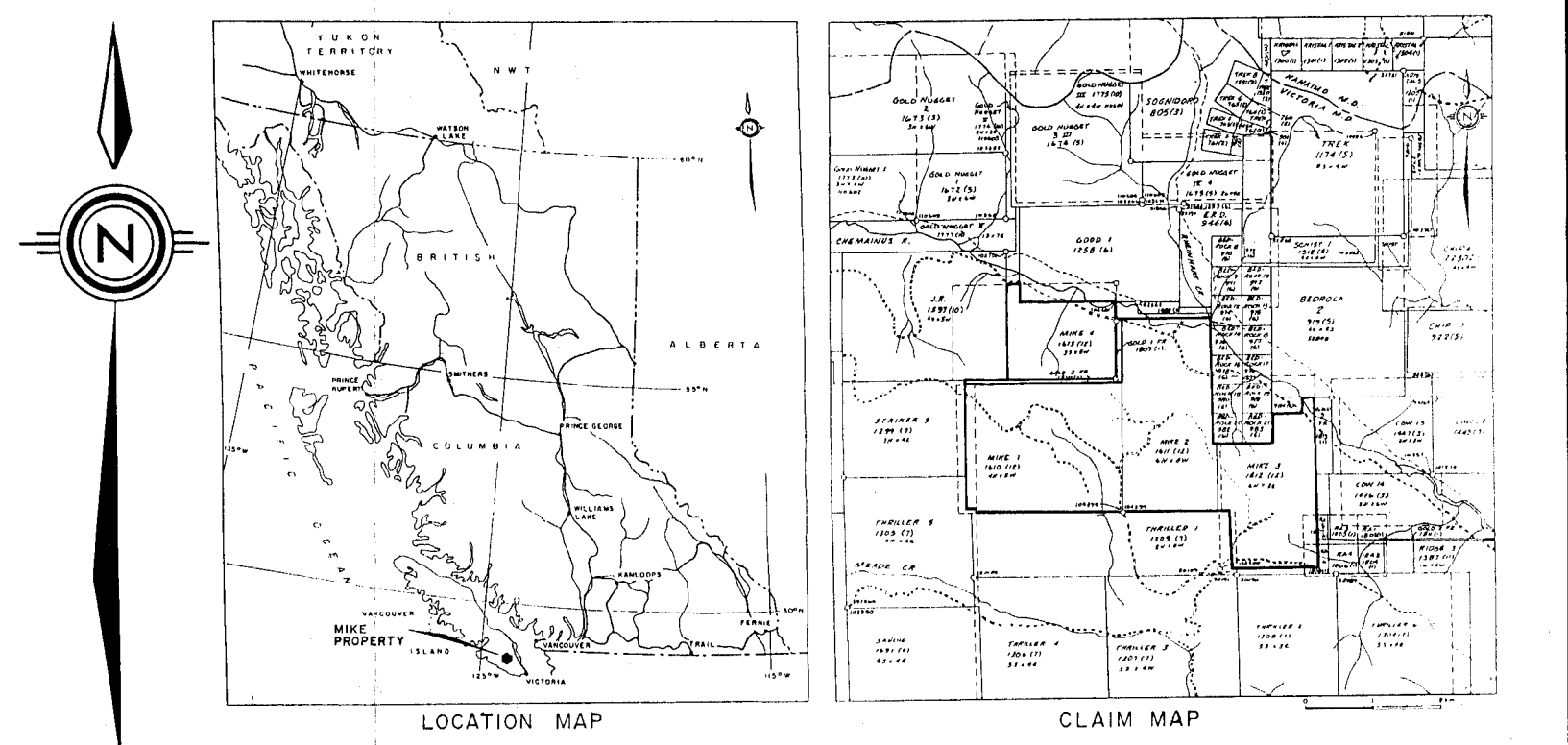
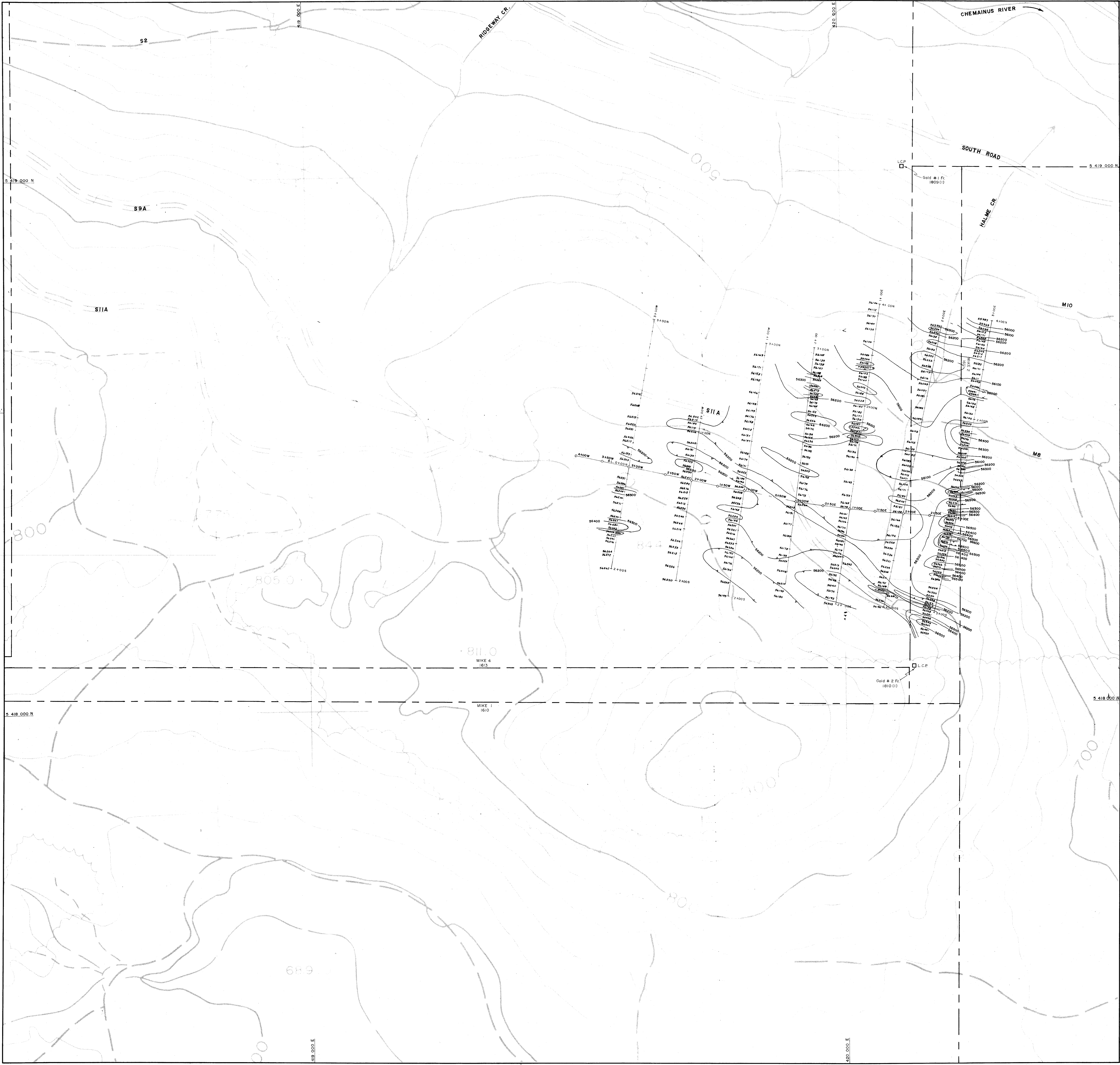
Values plotted if Anomalous
 Co > 50 ppm
 V > 250 ppm
 Sb > 5 ppm
 Bi > 200 ppm
 Mo > 10 ppm
 W > 10 ppm
 Mn > 2000 ppm
 Ni > 100 ppm

GEOLOGICAL BRANCH
 ASSESSMENT REPORT **PART 2**
15,578
OP 2

INTERNATIONAL CHEROKEE
 DEVELOPMENTS LIMITED
 ROCK AND SILT SAMPLE LOCATIONS
 AND ANALYSES
 MIKE GROUP
 VICTORIA MINING DIVISION

Project No: V 222	By: G.A.
Scale: 1:2500	Drawn: M.W.
Drawing No: 6	Date: FEBRUARY 1987

MPH Consulting Limited




LEGEND

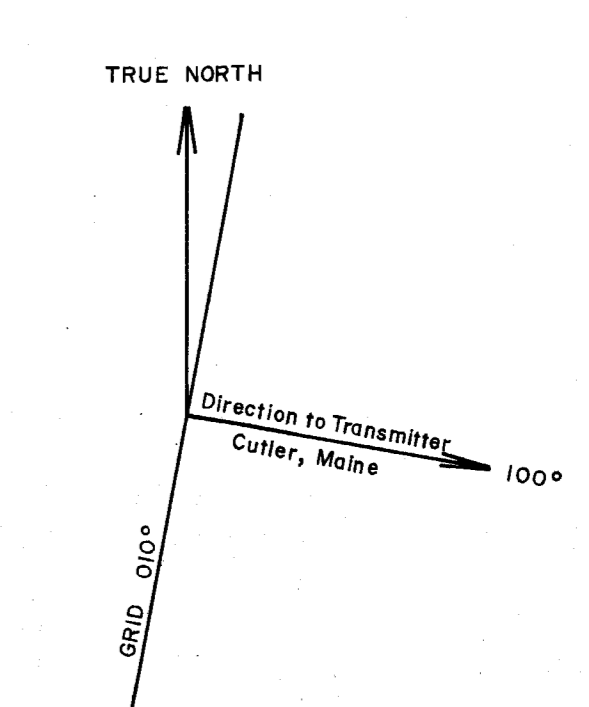
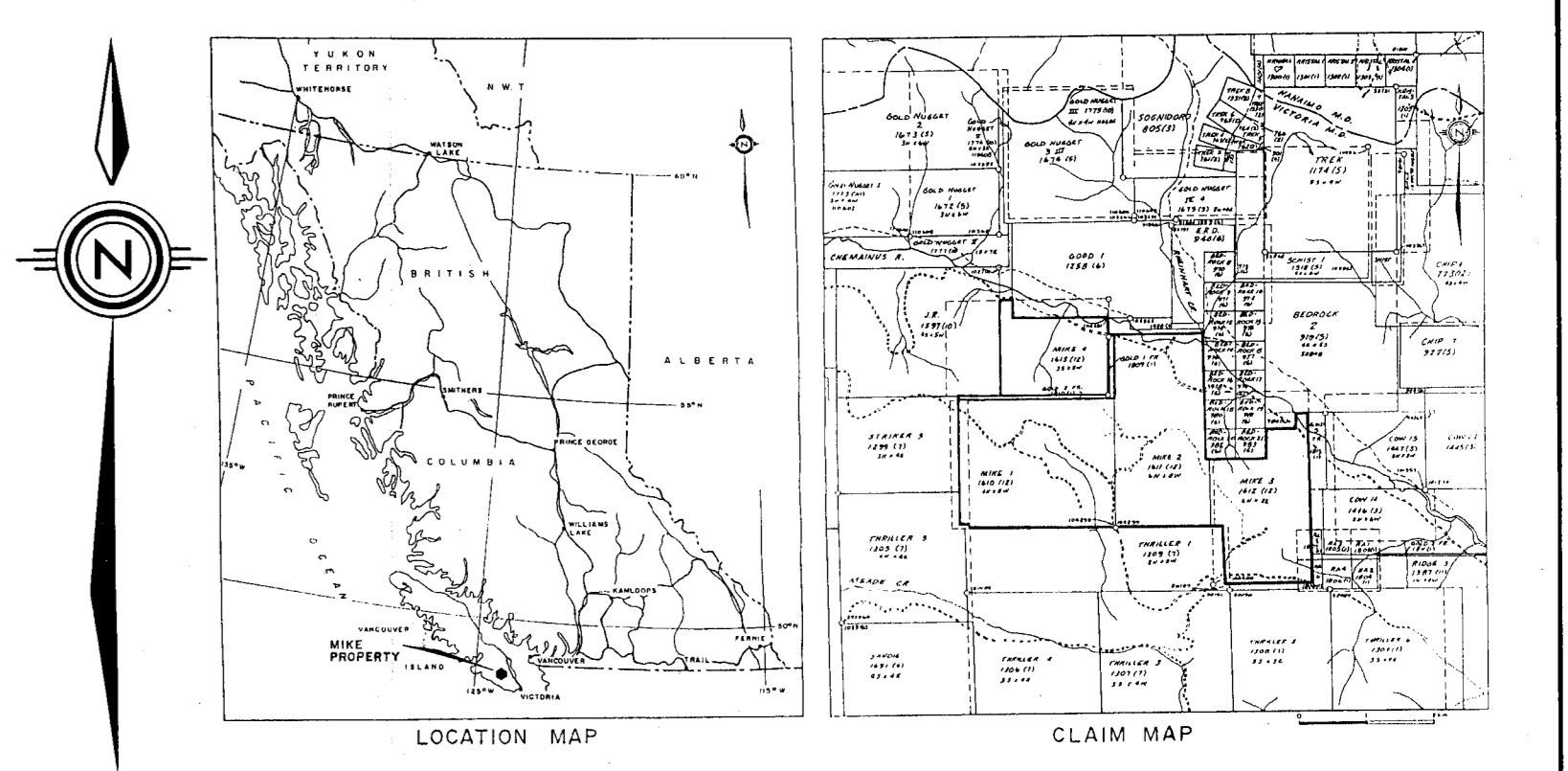
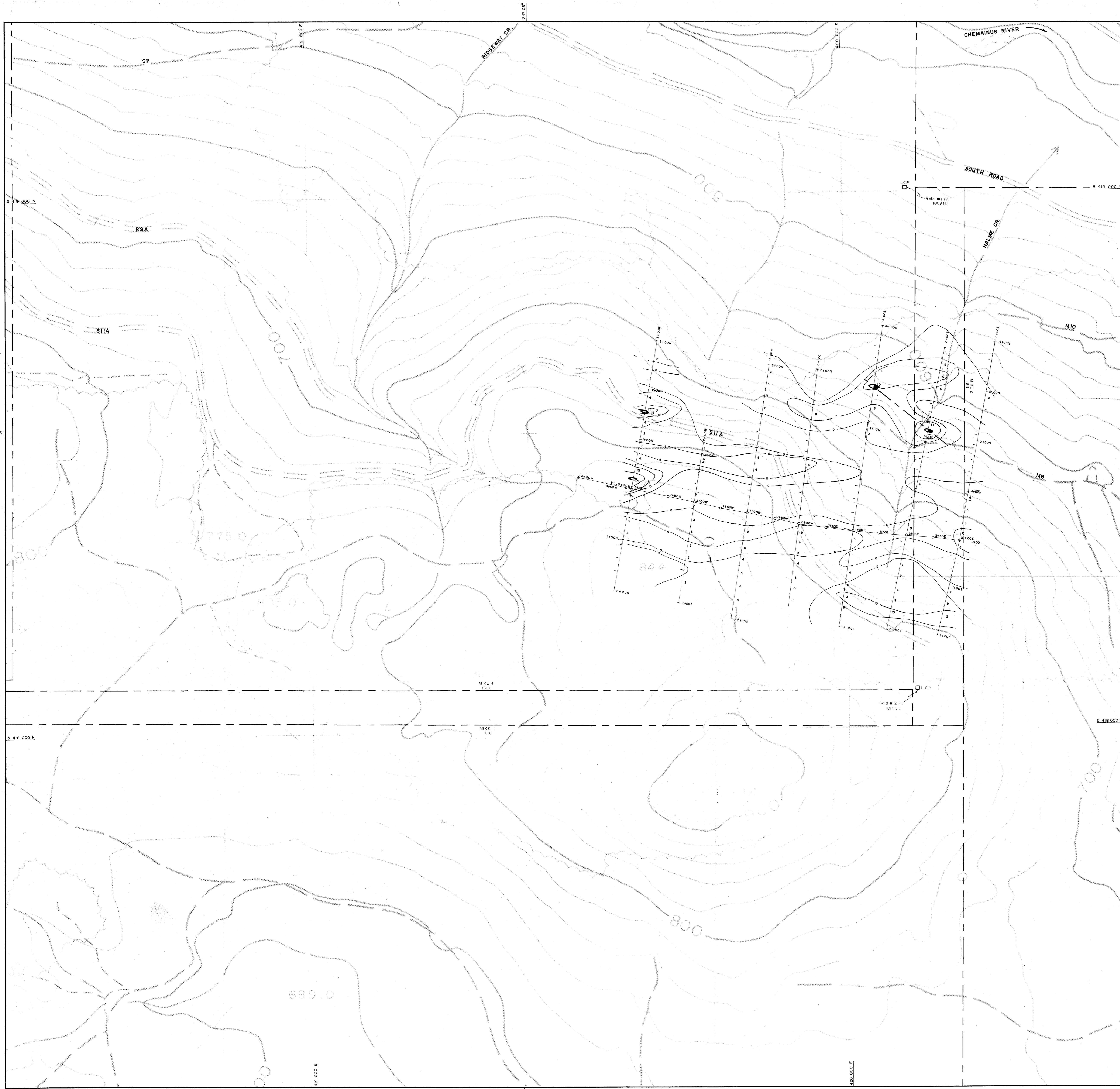
- Magnetic contour (Topographic field in Gauss)
- Magnetic low
- Field instrument - Scintrex MP-2 proton magnetometer
- Correction technique - Grid loop
- Scintrex MP-2 Base Station

PART 2 OF 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT
15,578

20 metre contour interval.
 Claim boundaries from L.C.P.'s located in field.

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED	
MAGNETIC SURVEY	
MIKE GROUP VICTORIA MINING DIVISION	
Project No: V 222	By: J.P.S.
Scale: 1:2500	Drawn: M.W.
Drawing No: 8	Date: FEBRUARY 1987
 MPH Consulting Limited	

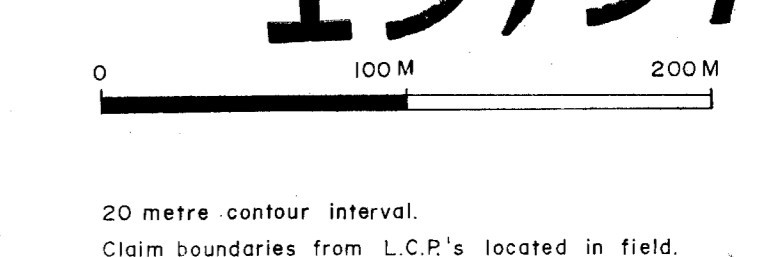
John S. All



INSTRUMENT: SABRE 27

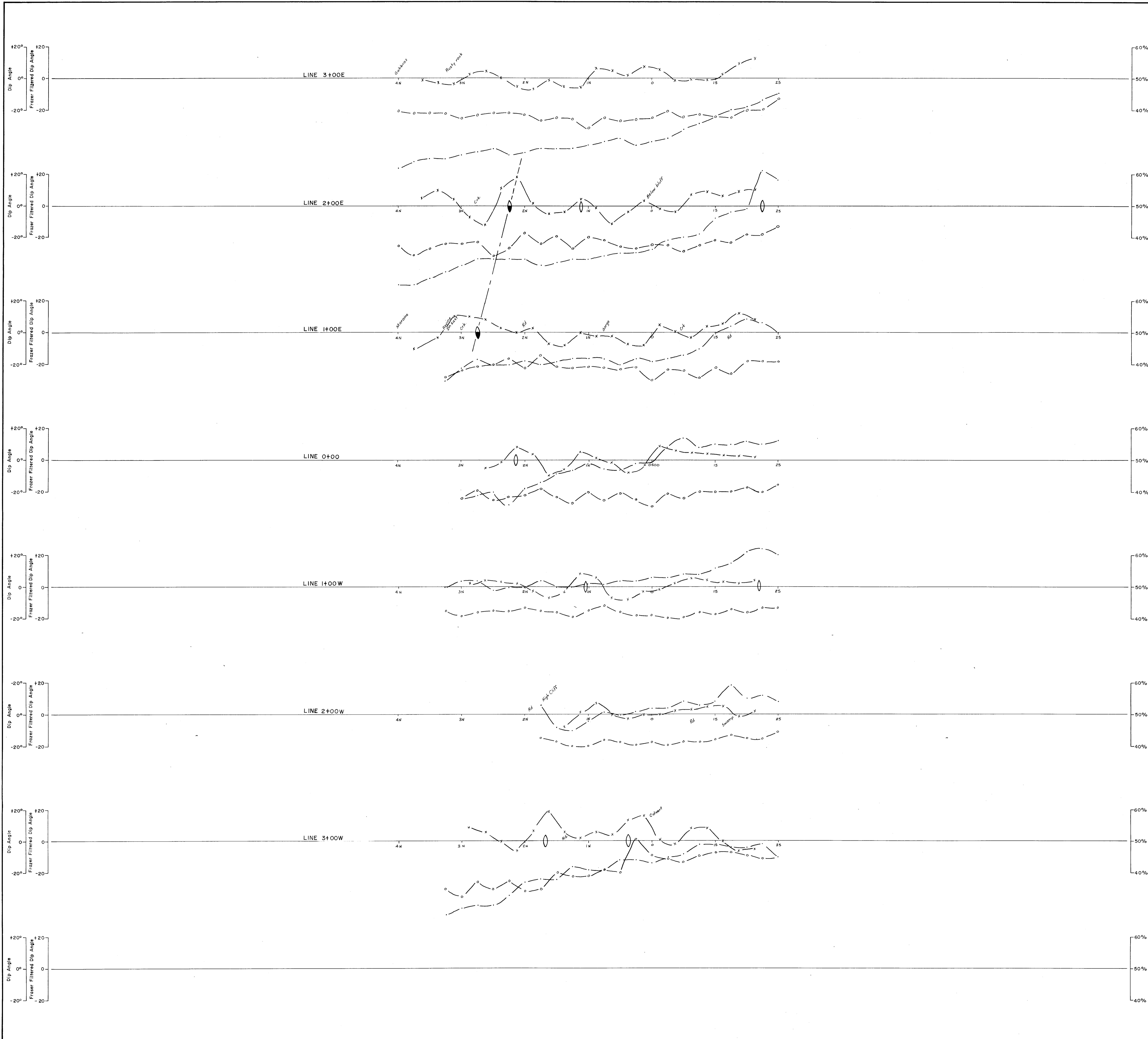
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,578

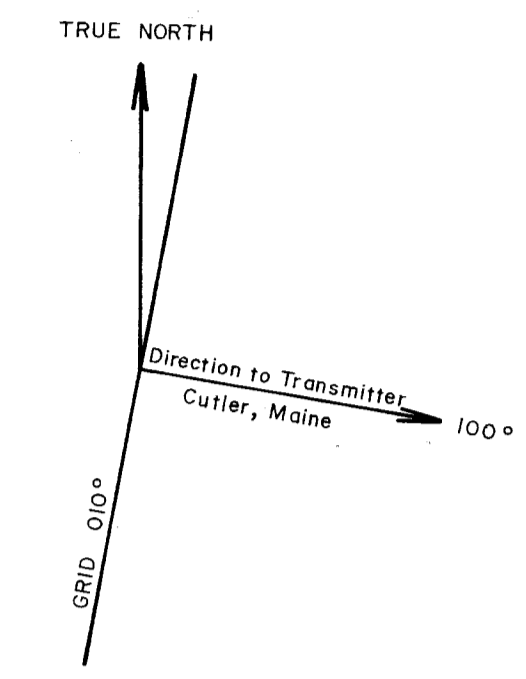


20 metre contour interval.
Claim boundaries from L.C.P.'s located in field.

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED	
VLF-EM SURVEY FRASER FILTERED DIP ANGLES MIKE GROUP VICTORIA MINING DIVISION	
Project No: V 222	By: H.M.
Scale: 1:2500	Drawn: M.W.
Drawing No: 9	Date: FEBRUARY 1987
MPH MPH Consulting Limited	



Dip Angle
Fraser Filtered Dip Angle
Horizontal Field Strength



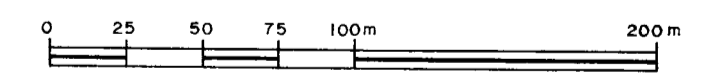
INSTRUMENT : SABRE 27

LEGEND

- PROFILES:**
- Horizontal Field Strength (in percent)
 - Dip Angle (in degrees)
 - × Fraser Filtered Dip Angle
- INTERPRETATION:**
- Conductors:**
- Strong - Definite
 - Moderate - Probable
 - Weak - Possible
 - ⊥ Contact
 - × Cultural - Cables, power lines, etc.
- Conductor Continuity:**
- Definite
 - - - Probable
 - · · Possible
- INSTRUMENT - Sabre 27

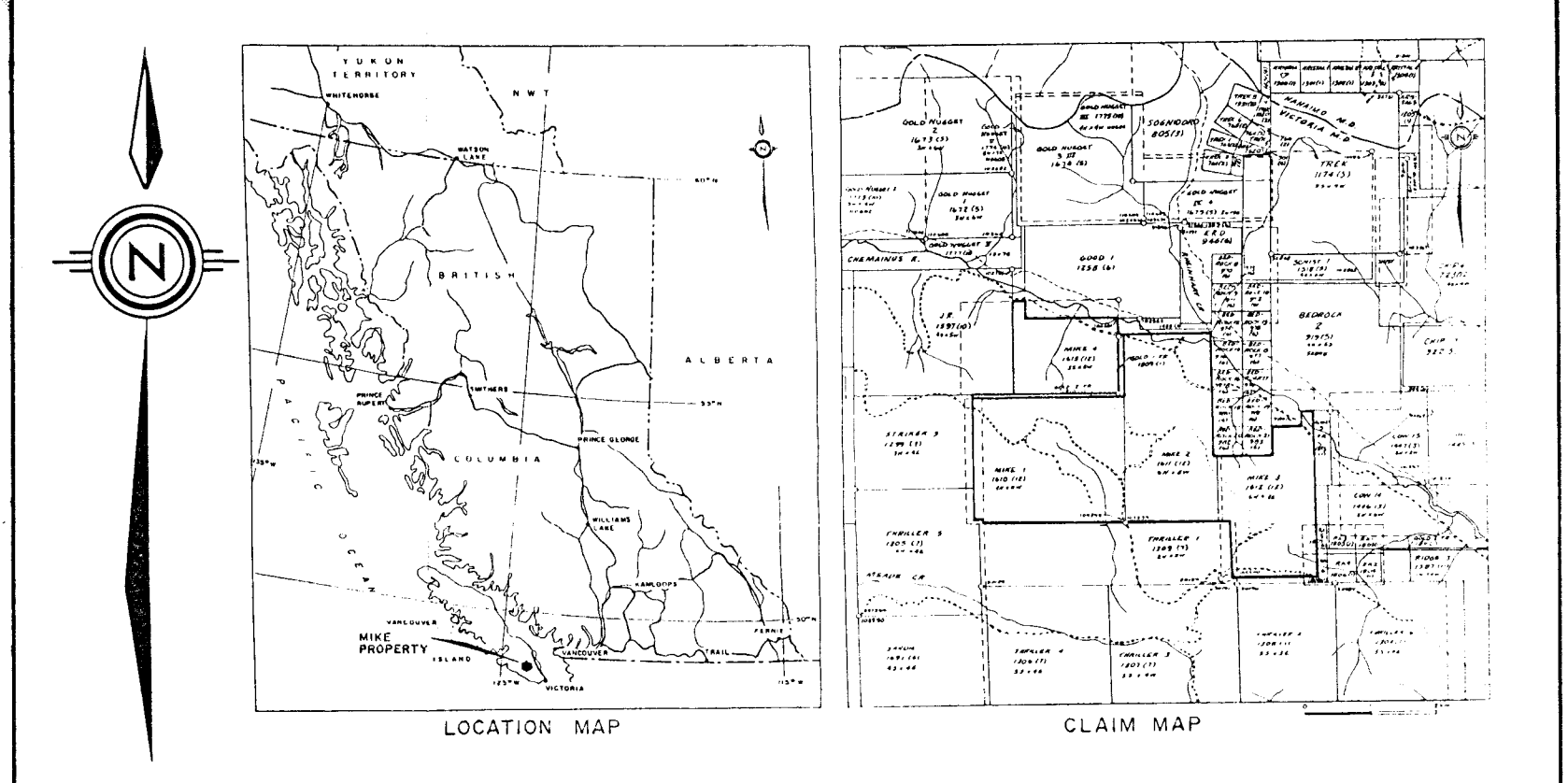
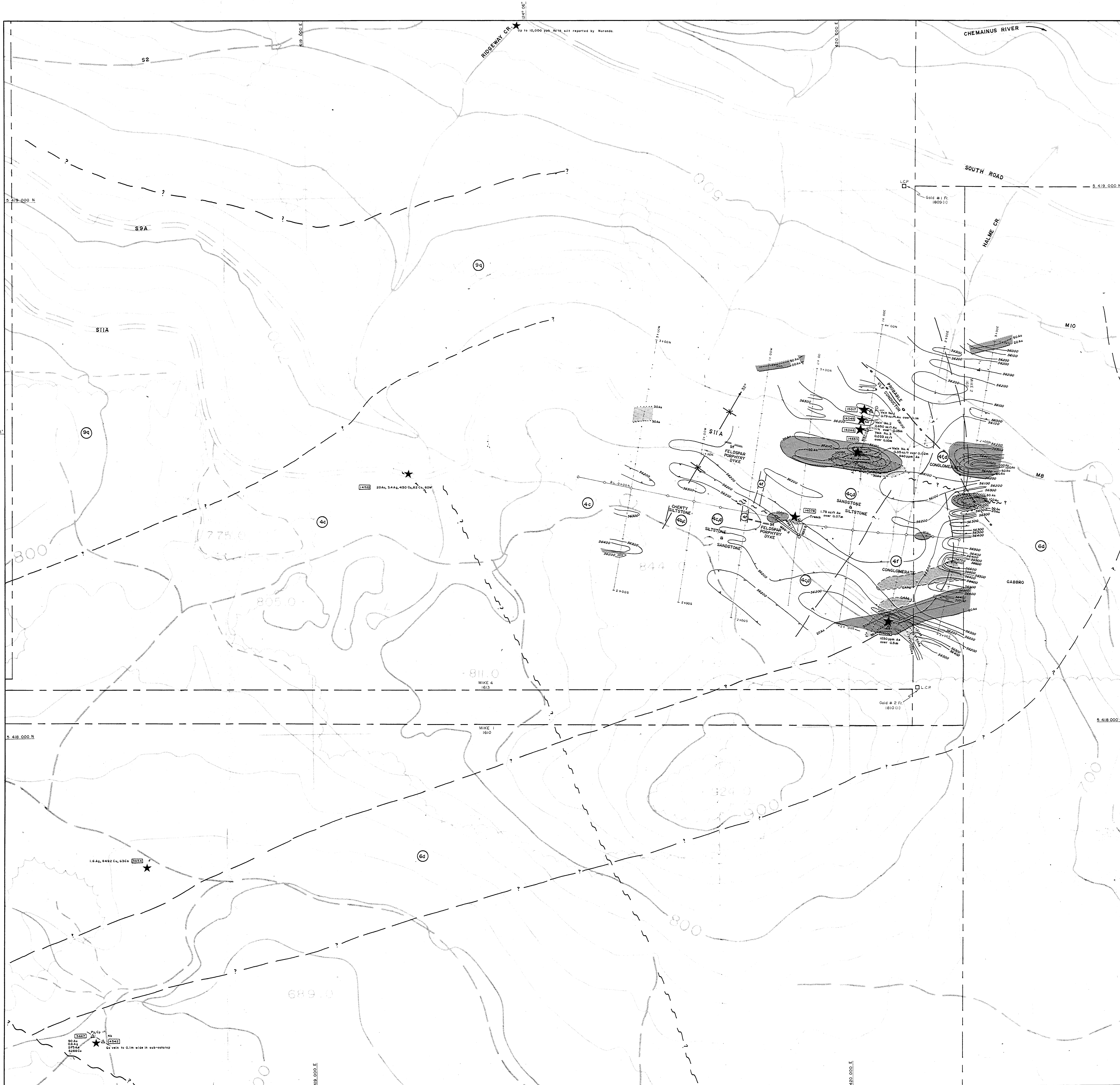
**PART 2 OF 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED	
VLF-EM SURVEY DATA IN PROFILE MIKE GROUP	
VICTORIA MINING DIVISION	
Project No: V-222 III	By: H.M.
Scale: 1:2500	Drawn: H.M.
Drawing No: 10	Date: DEC. 1986
MPH Consulting Limited	

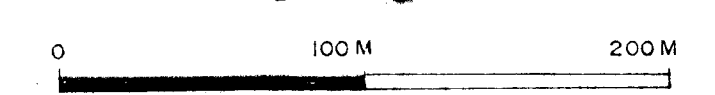
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- LEGEND**
- GEOLOGY**
 - JURASSIC - 9 quartz dioritic intrusives
 - TRIASSIC - 6 granitic intrusives
 - PALEOZOIC SICKEE GROUP**
 - 10 Carboniferous Porphyry Sediments
 - 2 Microcline High Potassium Pyroxenes
 - 1 Mafic Porphyry Basalt/Diabase
 - SYMBOLS**
 - Geological Contact
 - Ridge Axis
 - Point
 - ANOMALOUS ROCK SAMPLES**
 - Star
 - Circle with X
 - Circle with dot
 - SOIL GEOCHEMICAL ANOMALIES**
 - As (ppm)
 - As (ppm)
 - As (ppm)
 - BIOGEOCHEMICAL ANOMALIES**
 - As (ppm) in water track samples
 - GEOCHEMICAL ANOMALIES**
 - Gamma (using Sodium MP-2 probe measurements)
 - VLF-EM Conductance (using Sobeys 220)
 - EM Induction (using Sobeys 220)
 - Resistivity (after-math) low
 - Surface (mV)
 - At depth (unweighted depth) (mV) (unweighted)
 - Chlorinity (mS/cm)
 - Surface (mV)
 - At depth (unweighted depth) (mV) (unweighted)
- NOTE: Not all surveys necessarily done on each site.

**PART 2 OF 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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20 metre contour interval.
Claim boundaries from L.C.P.'s located in field.

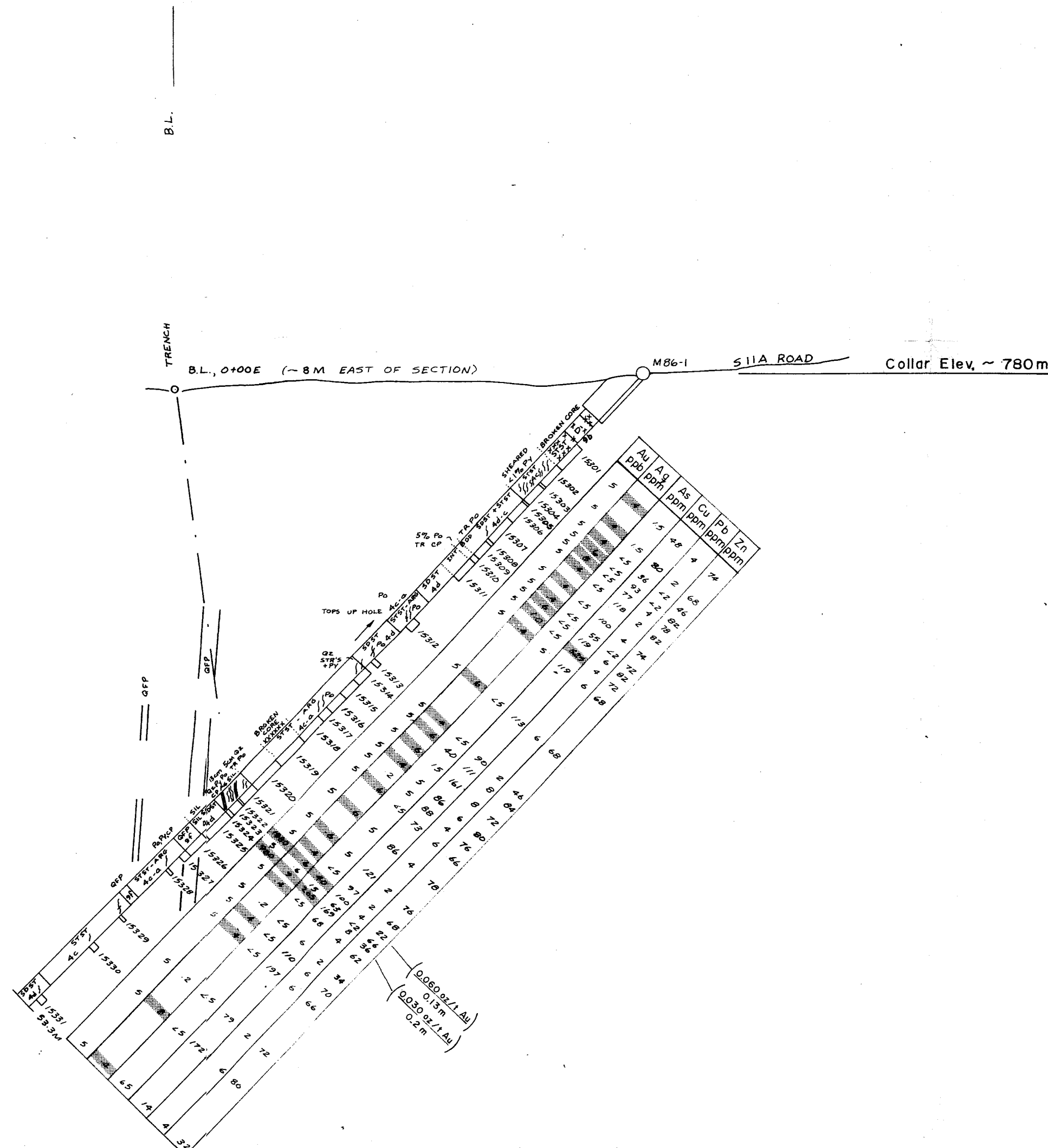
INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED	
GEOLOGY, GEOPHYSICS, GEOCHEMISTRY COMPOSITE MIKE GROUP VICTORIA MINING DIVISION	
Project No: V 222	By: G.A.
Scale: 1:2500	Drawn: G.A.
Drawing No: 11	Date: FEBRUARY 1987
MPH Consulting Limited	

332°

775m

750m

725m



152°

775m

750m

725m

LEGEND

- CENOZOIC
QUATERNARY
- 12 Unconsolidated sediments: glacial outwash, silt, and alluvium
- MESOZOIC
CRETACEOUS
- 10 NANAIMO GROUP: conglomerate, sandstone, siltstone, shale, minor coal (undifferentiated)
- JURASSIC
- ISLAND INTRUSIONS:
- 9f feldspar porphyry
 - 9d diorite
 - 9g granodiorite to quartz diorite
- TRIASSIC
- 6 Karmutsen Formation (?): basaltic rocks
 - 6b diabase
 - 6c gabbro and flower porphyry
- PALEOZOIC
- UPPER SILURIAN TO LOWER PERMIAN
- SICKER GROUP
- 4 Cameron River Formation (formerly mapped as Myra and/or Sediment Sill Formations)
 - 4a argillite, slate ± chert ± chertite porphyroblasts
 - 4b chert, cherty siltstone, cherty tuff, locally ferruginous, (asperoid)
 - 4c siltstone, locally hornfelsed
 - 4d sandstone, locally hornfelsed
 - 4e crystal tuff, tuffaceous sediment
 - 4f heterolithic conglomerate and sedimentary breccia
 - 4g green phyllite (protolith uncertain)
 - 4h marble
 - 2 McLoughlin Ridge Formation (formerly mapped as Ninnot and/or Myra Formations)
 - 2a argillite
 - 2b cherty tuff, cherty siltstone
 - 2c tuffaceous siltstone, siltstone
 - 2d tuffaceous sandstone, sandstone
 - 2e crystal tuff, sandy tuff
 - 2f lapilli tuff, tuff lapillistone, agglomerate
 - 1 Ninnot Formation
 - 1a pyroxene crystal tuff, lapilli tuff
 - 1b pyroxene rich volcanic breccia, agglomerate
 - 1c feldspar crystal tuff, lapilli tuff
 - 1d pyroxene porphyry (flows and intrusions)

NOTE: Legend based in part on Mackay, BCMEPMR, OF, 1987/2 and Muller, 1980a, GSC Paper 79-30.

PART 2 OF 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,578

ABBREVIATIONS

As arsenopyrite	Carb carbonate	XI crystal
Cp chloropyrite	Sdst sandstone	Abdt abundant
Qt quartz	Stst siltstone	Chrt cherty
Mc malachite	Br breccia	Sil siliceous, silicified
Py pyrrhotite	Fr(x) fracture(s)	CG coarse grained
Py pyrite	Shr shear	MG medium grained
SI sphalerite	Stg stringer	FG fine grained
Qz quartz		

- Shear or stringer
- Strong vein
- Broken core
- Subdivision of unit
- Anomalous value

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

DRILL SECTION
DDH M86-1
MIKE GROUP
VICTORIA MINING DIVISION

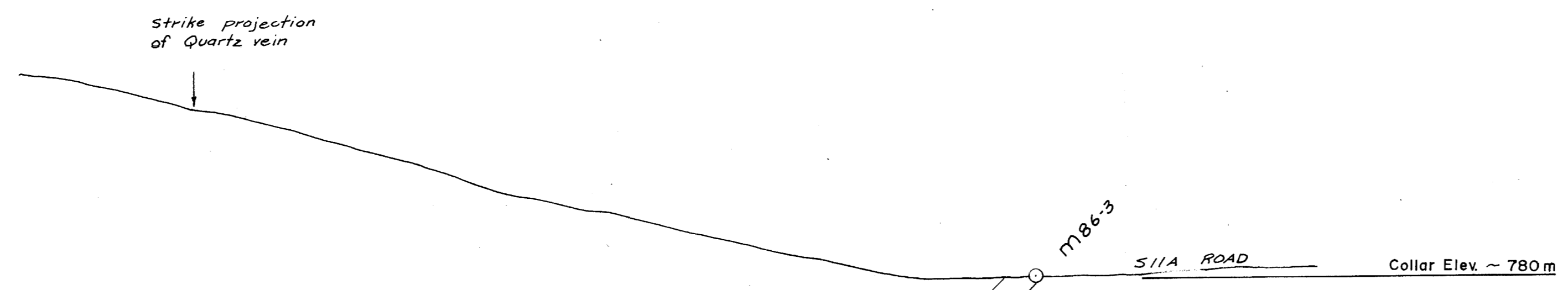
Project No:	V 222 - III	By:	G.A.
Scale:	1 : 250	Drawn:	G.A.
Drawing No:	13	Date:	Dec. 1986

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308°

128°



775 m

775 m

750 m

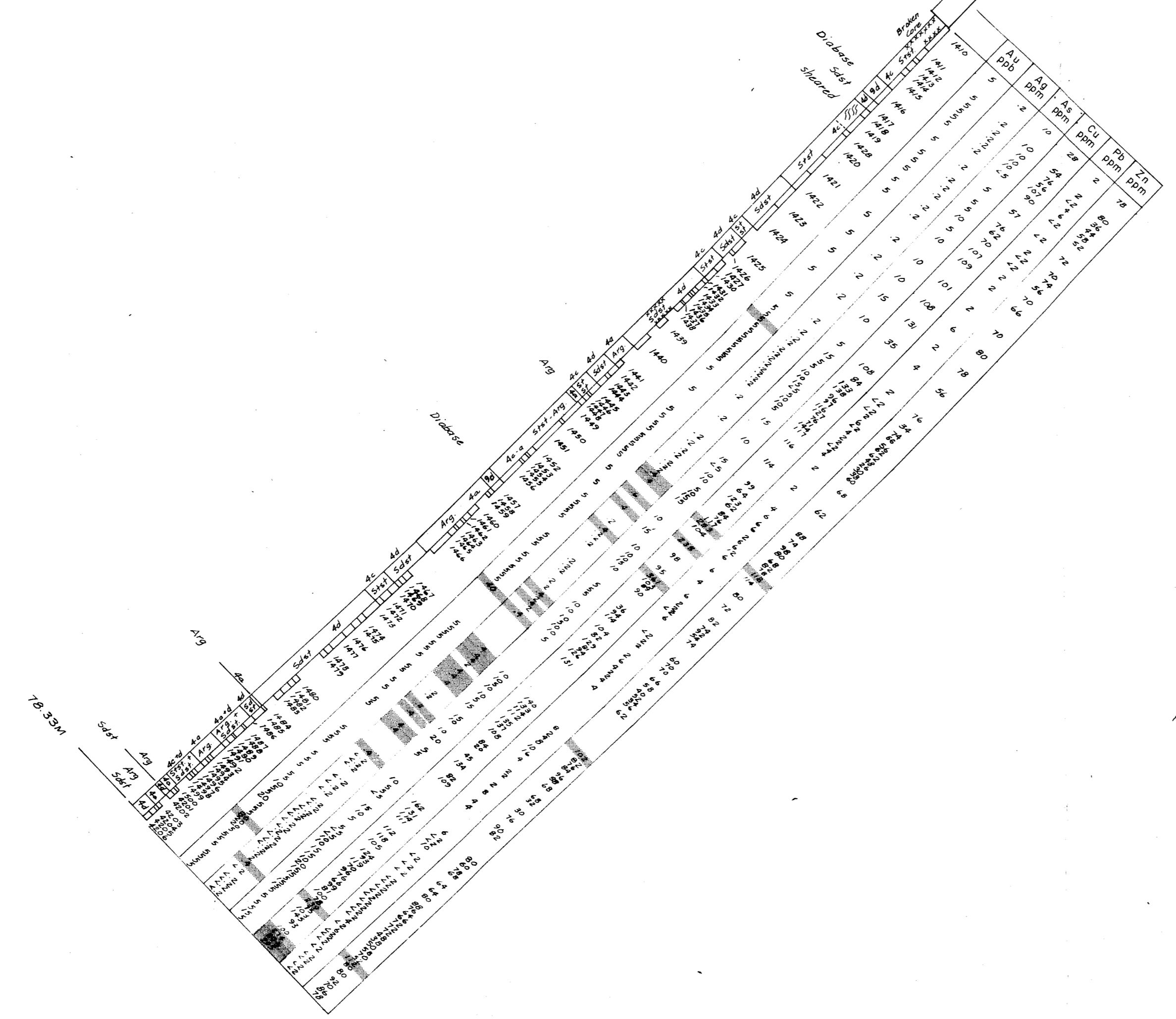
750 m

725 m

725 m

700 m

700 m



LEGEND

- CENOZOIC
 - QUATERNARY
 - 12 Unconsolidated sediments: glacial outwash, silt, and alluvium
- MESOZOIC
 - CRETACEOUS
 - 10 NANAIMO GROUP conglomerate, sandstone, siltstone, shale, minor coal (undifferentiated)
 - JURASSIC
 - 9 ISLAND INTRUSIONS
 - 9f feldspar porphyry
 - 9g diorite
 - 9h granodiorite to quartz diorite
 - TRIASSIC
 - 6 Komatusen Formation (?) basaltic rocks
 - 6b diabase
 - 6d gabbro and flower porphyry
- PALEOZOIC
 - UPPER SILURIAN TO LOWER PERMIAN
 - SICKER GROUP
 - 4 Cameron River Formation (formerly mapped as Myra and/or Sediment Silt Formations)
 - 4a argillite, slate ± chistalite porphyroblasts
 - 4b cherty, cherty siltstone, cherty tuff, locally ferruginous, lopsided
 - 4c siltstone, locally hornfelsed
 - 4d sandstone, locally hornfelsed
 - 4e crystal tuff, tuffaceous sediment
 - 4f heterolithic conglomerate and sedimentary breccia
 - 4g green phyllite (protolith uncertain)
 - 4h marble
 - 2 McLoughlin Ridge Formation (formerly mapped as Ninnet and/or Myra Formations)
 - 2a argillite
 - 2b cherty tuff, cherty siltstone
 - 2c tuffaceous siltstone, siltstone
 - 2d tuffaceous sandstone, sandstone
 - 2e crystal tuff, sandy tuff
 - 2f lapilli tuff, tuff lapillistone, agglomerate
 - 1 Ninnet Formation
 - 1a pyroxene crystal tuff, lapilli tuff
 - 1b pyroxene rich volcanic breccia, agglomerate
 - 1c feldspar crystal tuff, lapilli tuff
 - 1d pyroxene porphyry (flows and intrusions)

NOTE: Legend based in part on Massey, BCMEMPR, OF 1967/2 and Muller, 1980a, OSC Paper 79-30.

PART 2 OF 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,578

ABBREVIATIONS

As	arsenopyrite	Carb	carbonate	XI	crystal
Cp	chalcopyrite	Sdt	sandstone	Abdr	abundant
Gl	galena	Sst	siltstone	Chy	cherty
Ms	muscovite	Br	breccia	Sil	siliceous, silicified
Po	pyrrhotite	Fract	fracture(s)	CG	coarse grained
Py	pyrite	Shr	shear	MG	medium grained
Sl	sphalerite	Str	stranger	Fg	fine grained
Qtz	quartz				

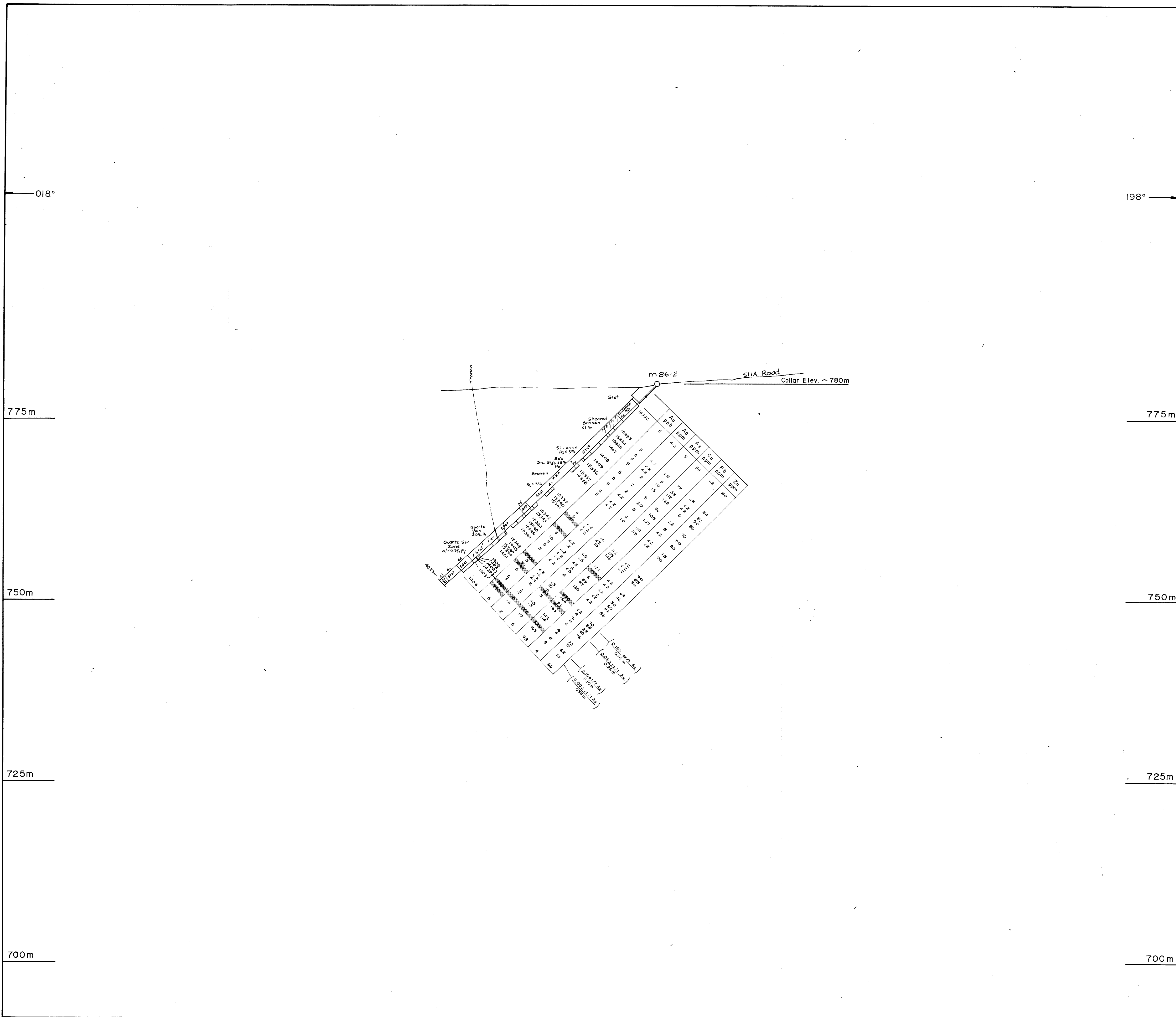
INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

DRILL SECTION
 DDH M86-3
 MIKE GROUP
 VICTORIA MINING DIVISION

Project No:	V 222	By:	G.R.
Scale:	1 : 250	Drawn:	G.R.
Drawing No:	15	Date:	Dec. 1986



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- LEGEND**
- CENOZOIC**
QUATERNARY
 12 Unconsolidated sediments: glacial outwash, till, and alluvium
- MESOZOIC**
CRETACEOUS
 10 NANAIMO GROUP: conglomerate, sandstone, siltstone, shale, minor coal (undifferentiated)
- JURASSIC**
ISLAND INTRUSIONS:
 9f felsic porphyry
 9d diorite
 9g granodiorite to quartz diorite
- TRIASSIC**
 6 Karmutsen Formation (?): Basaltic rocks
 6b diabase
 6d gabbro and flower porphyry
- PALEOZOIC**
UPPER SILURIAN TO LOWER PERMIAN
SICKER GROUP
- 4 Cameron River Formation (formerly mapped as Myra and/or Sediment Silt Formations)
 4a argillite, siltite ± chertlike porphyroblasts
 4b chert, cherty siltstone, cherty tuff, locally ferruginous, Jasperoid
 4c siltstone, locally hornfelsed
 4d sandstone, locally hornfelsed
 4e crystal tuff, tuffaceous sediment
 4f heterolithic conglomerate and sedimentary breccia
 4g green phyllite (protolith uncertain)
 4h marble
- 2 McLoughlin Ridge Formation (formerly mapped as Nihast and/or Myra Formations)
 2a argillite
 2b cherty tuff, cherty siltstone
 2c tuffaceous siltstone, siltstone
 2d tuffaceous sandstone, sandstone
 2e crystal tuff, sandy tuff
 2f lapilli tuff, tuff lapillistone, agglomerate
- 1 Nihast Formation
 1a pyroxene crystal tuff, lapilli tuff
 1b pyroxene rich volcanic breccia, agglomerate
 1f felsic crystal tuff, lapilli tuff
 1g pyroxene porphyry (flows and intrusions)

NOTE: Legend based in part on Massey, BCMEPR, O.F. 1987/2 and Miller, 1980a, GSC Paper 79-30.

PART 2 OF 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT
15,578

ABBREVIATIONS

As arsenopyrite	Carb carbonate	Xi crystal
Cp chlopyrite	Sds sandstone	Abds abundant
Gl galena	Shst siltstone	Chry cherty
Ms malachite	Bx breccia	Sil siliceous, silicified
Py pyrrhotite	Frac(x) fracture(s)	CG coarse grained
Py pyrite	Shr shear	MG medium grained
Sp sphalerite	Stp stringer	FG fine grained
Qtz quartz		

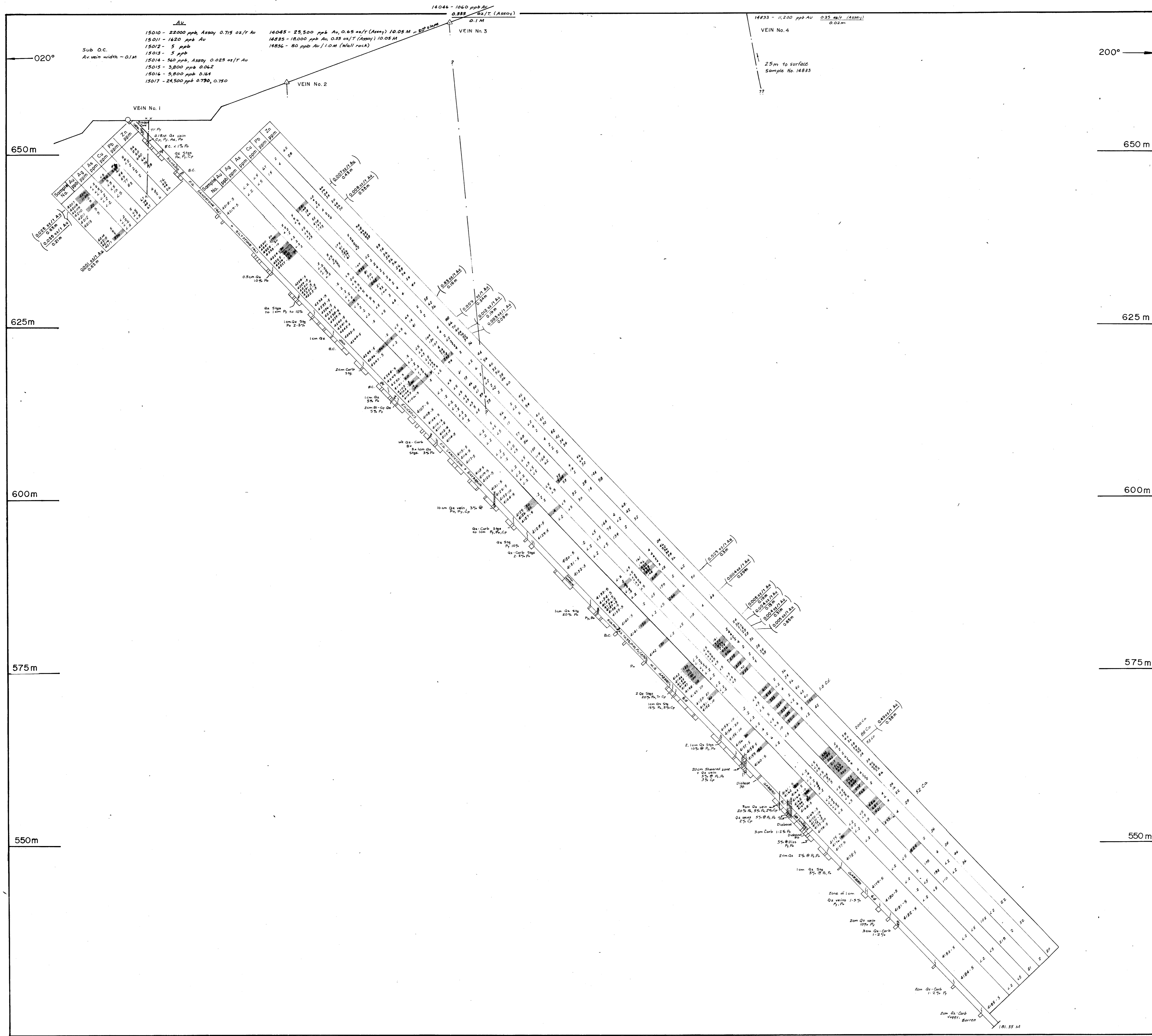
INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

DRILL SECTION
DDH M86-2
MIKE GROUP
 VICTORIA MINING DIVISION

Project No: V 222 - III	By: G.R.
Scale: 1:250	Drawn: G.R.
Drawing No: 14	Date: Dec. 1986

MPH **MPH Consulting Limited**

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- LEGEND**
- CENOZOIC**
- QUATERNARY**
- 12 Unconsolidated sediments: glacial outwash, till, and alluvium
- MESOZOIC**
- CRETACEOUS**
- 10 NANAIMO GROUP: conglomerate, sandstone, siltstone, shale, minor coal (undifferentiated)
- JURASSIC**
- 9 ISLAND INTRUSIONS
 - 9a mafic dykes
 - 9b diorite
 - 9c feldspar porphyry
 - 9d quartz diorite to granodiorite
- TRIASSIC**
- 8 Kormilsen Formation (?): basaltic rocks
 - 8a diabase
 - 8b gabbro and flower porphyry
- PALEOZOIC**
- UPPER SILURIAN TO LOWER PERMIAN**
- SICKER GROUP**
- 4 Cameron River Formation (formerly mapped as Myra and/or Sediment Hill Formations)
 - 4a argillite, slate ± chertlike porphyroblasts
 - 4b chert, cherty siltstone, cherty tuff, locally ferruginous, jaasperoid
 - 4c siltstone, locally hornfelsed
 - 4d sandstone, locally hornfelsed
 - 4e crystal tuff, tuffaceous sediment
 - 4f heterolithic conglomerate and sedimentary breccia
 - 4g green phyllite (proolith uncertain)
 - 4h marble
 - 2 McLaughlin Ridge Formation (formerly mapped as Nilmat and/or Myra Formations)
 - 2a argillite
 - 2b cherty tuff, cherty siltstone
 - 2c tuffaceous siltstone, siltstone
 - 2d tuffaceous sandstone, sandstone
 - 2e crystal tuff, sandy tuff
 - 2f lapilli tuff, tuff lapillitstone, agglomerate
 - 1 Nilmat Formation
 - 1a pyroxene crystal tuff, lapilli tuff
 - 1b pyroxene rich volcanic breccia, agglomerate
 - 1c feldspar crystal tuff, lapilli tuff
 - 1d laminated tuff, cherty tuff
 - 1e massive agyric mafic flows
 - 1f pyroxene porphyry (flows and intrusions)
 - 1g massive tuff, tuffaceous sandstone

PART 2 OF 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,578

NOTE: Legend based in part on Mossey, BCMEMPR, OF 1987/2 and Muller, 1980, GSC Paper 79-30.

ABBREVIATIONS

As	arsenopyrite	Carb	carbonate	Xi	crystal
Cp	chalcopyrite	Sst	sandstone	Abdt	abundant
Qtz	quartz	Sst	siltstone	Chry	cherty
Mc	muscovite	Bx	breccia	Sil	siliceous, silicified
Po	pyrrhotite	Frc(s)	fracture(s)	CG	coarse grained
Py	pyrite	Shr	shear	MG	medium grained
Sp	spinel	Str	stringer	FG	fine grained
Qz	quartz				

INTERNATIONAL CHEROKEE
DEVELOPMENTS LIMITED

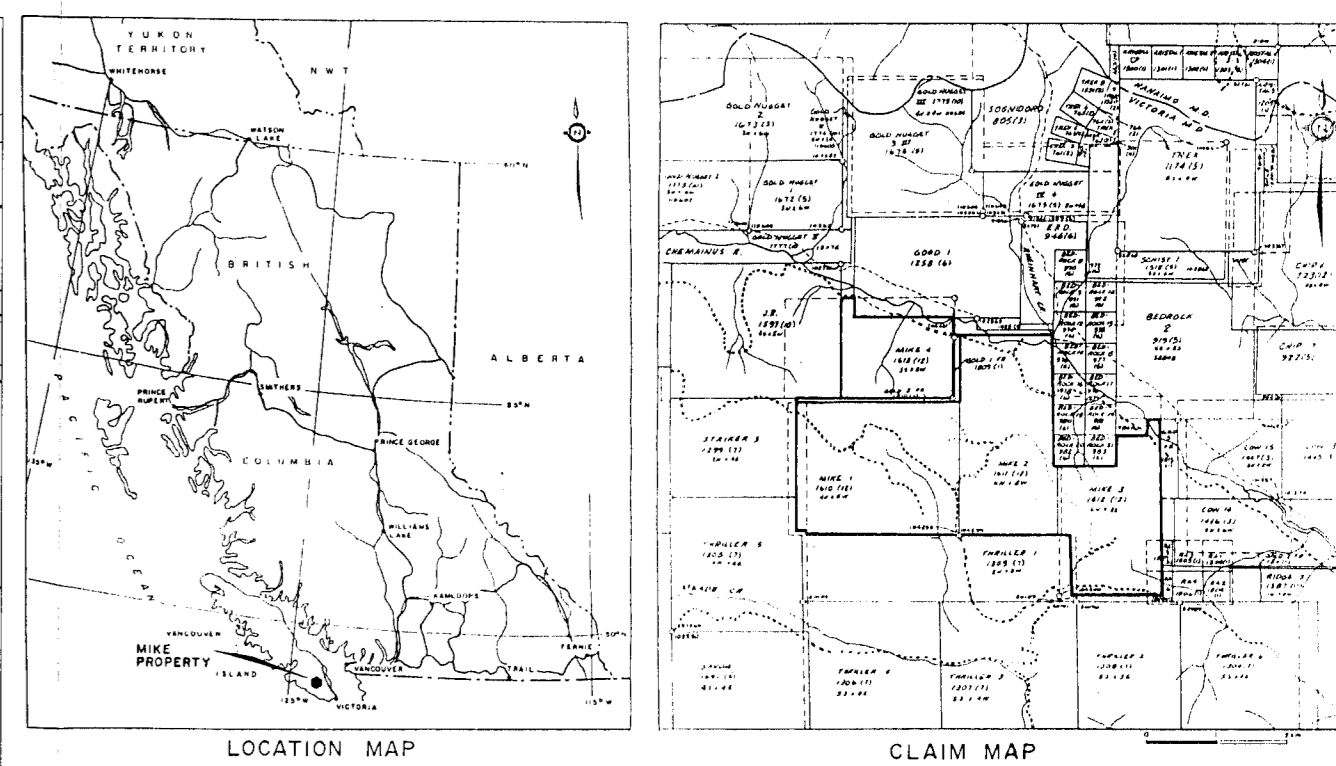
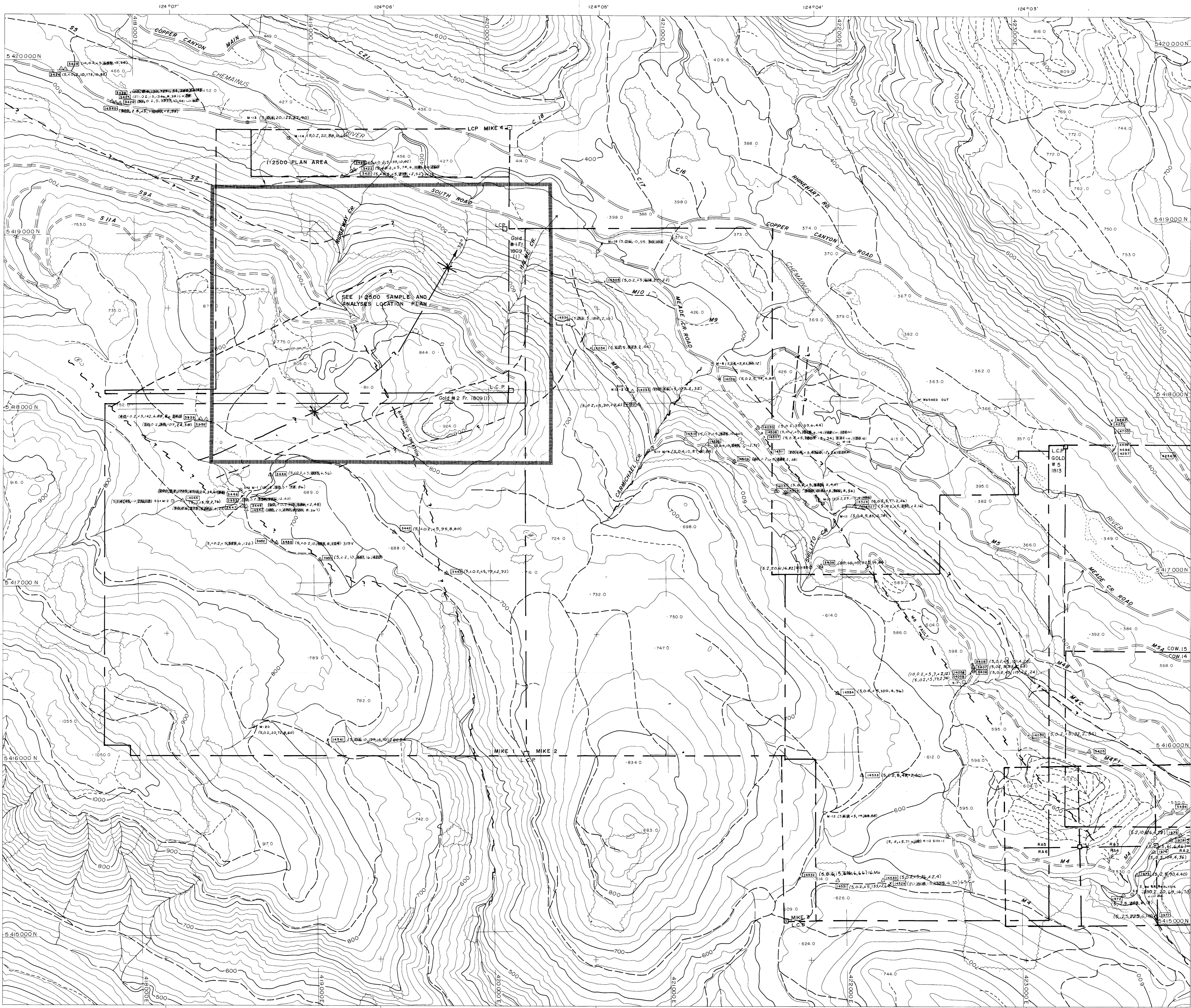
**DRILL SECTION
DDH M87-1
MIKE GROUP**

VICTORIA MINING DIVISION

Project No: V 222-III	By: G.A.
Scale: 1:250	Drawn: G.A.
Drawing No: 16	Date: Jan. 1987

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LEGEND

[1450] Δ Rock sample location (outcrop) with sample number
 [1450c] × Rock sample location (float) with sample number
 [M-16] ○ Silt sample location with sample number

Analyses: ppb ppm
 (5, 0.8, 35, 59, 6, 44) - Au Ag, As, Cu, Pb, Zn (shaded values anomalous)

Values considered anomalous in rock
 Au ≥ 30 ppb
 Ag ≥ 0.4 ppm
 As ≥ 30 ppm
 Cu ≥ 200 ppm
 Pb ≥ 25 ppm
 Zn ≥ 100 ppm

All values plotted
 Co ≥ 50 ppm
 V ≥ 250 ppm
 Sb ≥ 6 ppm
 Values plotted if Anomalous
 Ba ≥ 200ppm
 Mo ≥ 10 ppm
 W ≥ 10 ppm
 Mn ≥ 2000 ppm
 Ni ≥ 100 ppm

LEGEND

88400 86500
 49°54' 49°54'

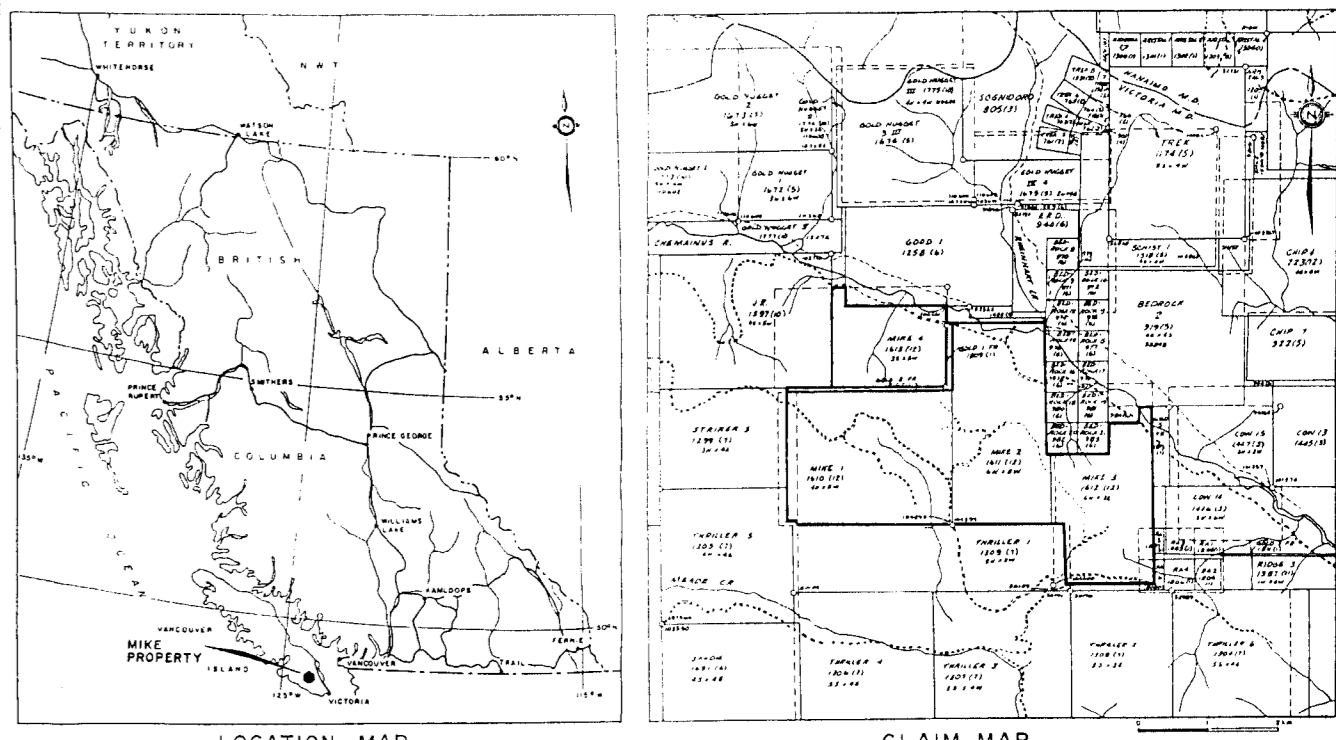
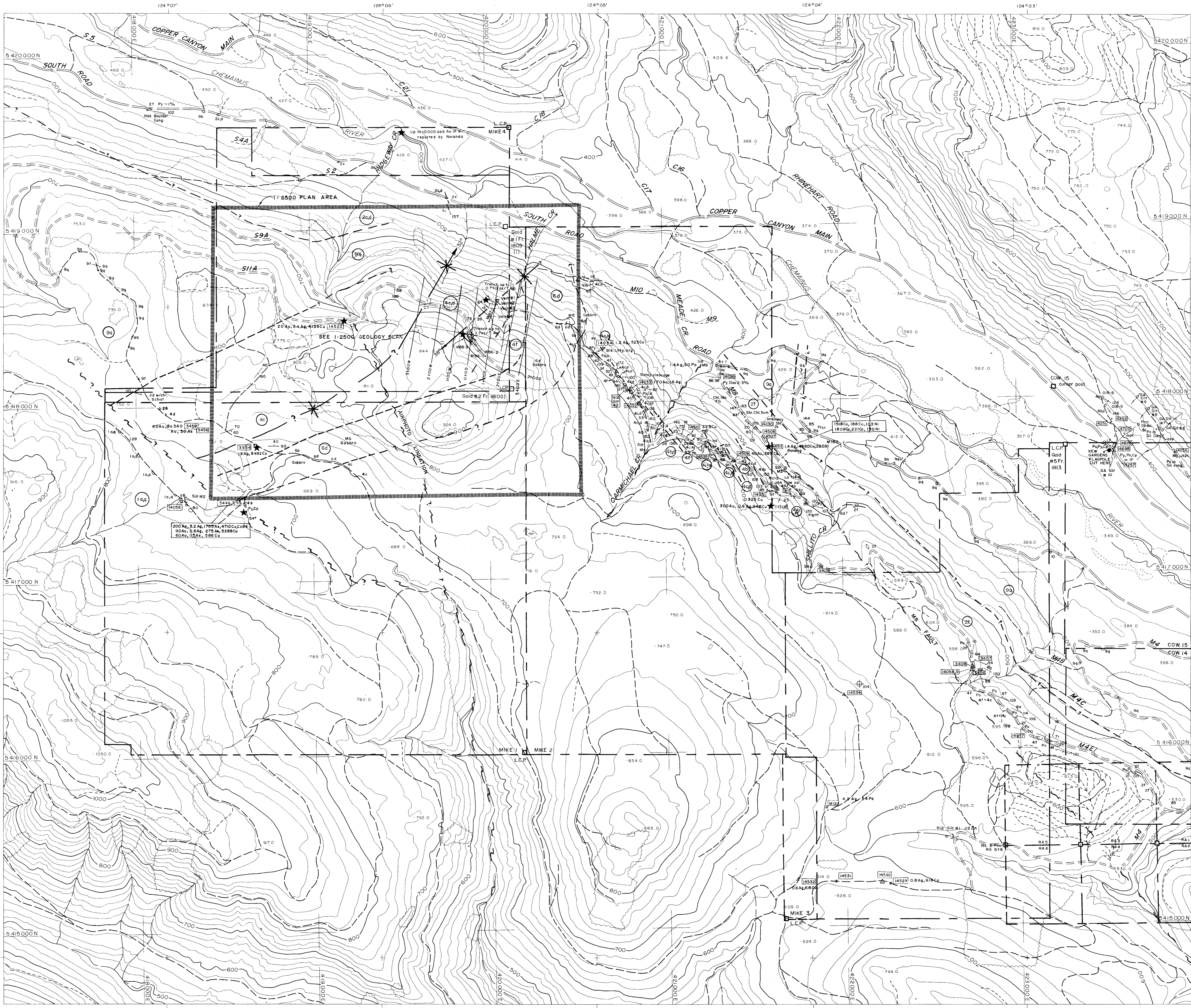
Isomagnetic contours
 (Total magnetic field in gammas)
 Magnetic low
 Field instrument - Scintrex MP-2 proton magnetometer
 Correction techniques - Closed loop and/or Scintrex MP-2 Base Station

Part 2 of 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,578

London J. Allen

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED	
ROCK AND SILT SAMPLE LOCATIONS AND ANALYSES MIKE GROUP VICTORIA MINING DIVISION	
Project No: V 222	By: G.A.
Scale: 1:10000	Drawn: M.W.
Drawing No: 18	Date: JAN. 1987



- LEGEND**
- CENOZOIC**
- QUATERNARY**
- 12 Unconsolidated sediments: glacial outwash, fill, and alluvium
- MESOZOIC**
- CRETACEOUS**
- 10 MANAIMO GROUP: conglomerate, sandstone, siltstone, shale, minor coal (undifferentiated)
- JURASSIC**
- 9 ISLAND INTRUSIONS:
 - 91 felsic porphyry
 - 92 diorite
 - 93 granodiorite to quartz diorite
- TRIASSIC**
- 8 Karmutsen Formation (?): basaltic rocks
 - 6b diabase
 - 6d gabbro and flower porphyry
- PALEOZOIC**
- UPPER SILURIAN TO LOWER PERMIAN**
- SICKER GROUP**
- 4 Cameron River Formation (formerly mapped as Myra and/or Sediment Hill Formations)
 - 4a argillite, slate or chertiferous porphyroblasts
 - 4b cherty, cherty siltstone, cherty tuff, locally ferruginous, jasperoid
 - 4c siltstone, locally hornfelsed
 - 4d sandstone, locally hornfelsed
 - 4e crystal tuff, tuffaceous sediment
 - 4f heterotaxitic conglomerate and sedimentary breccia
 - 4g green phyllite (protomylonite)
 - 4h marl
 - 2 McLaughlin Ridge Formation (formerly mapped as Ninjat and/or Myra Formations)
 - 2a argillite
 - 2b cherty tuff, cherty siltstone
 - 2c tuffaceous siltstone, siltstone
 - 2d tuffaceous sandstone, sandstone
 - 2e crystal tuff, sandy tuff
 - 2f lapilli tuff, tuff lapillitstone, agglomerate
 - 1 Ninjat Formation
 - 1a pyroxene crystal tuff, lapilli tuff
 - 1b pyroxene rich viscous breccia, agglomerate
 - 1c felsic crystal tuff, lapilli tuff
 - 1d pyroxene porphyry (flows and intrusions)
- NOTE:** Legend based in part on Massey, BCMEMPR, G.F. 1987/2 and Muller, 1980, GSC Paper 79-30.

- SYMBOLS AND ABBREVIATIONS**
- | | |
|--|--|
| <ul style="list-style-type: none"> Defined, approximate, assumed, gradational Surface trace of axial planes System, uniform Faults: <ul style="list-style-type: none"> Defined, approximate, assumed Beeding Foliation Joint Shear Glacial striation Vein Trench Outcrop with field note number and lithology Sample locations with sample numbers and anomalous analytes (Au, Pb, Ag, Zn, ppm) Rock - outcrop Rock - float Silt or soil Grid line Ditch hole LCP with claim name | <ul style="list-style-type: none"> As arsenopyrite Cp chloropyrite gnss gneiss Mc malachite Py pyrrhotite Py pyrite Sl sphalerite qtz quartz Crb carbonate Sst sandstone Sst siltstone Bx breccia Frct(fr) fracture(s) Str stringer Stg stringer Xl crystal Abdt abundant Chy cherty Sil siliceous, silicified CG coarse grained MG medium grained FG fine grained |
|--|--|
- Roads:
 2WD accessible, all weather
 4WD accessible
 Road presently inaccessible to vehicles
 Trail

PART 2
15,578
ASSESSMENT REPORT
GEOLOGICAL BRANCH

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

GEOLOGY
MIKE GROUP
 VICTORIA MINING DIVISION

Project No. V 222	By G.A.
Scale: 1:10000	Drawn: M.W.
Drawing No. 17	Date: JAN. 1987

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