

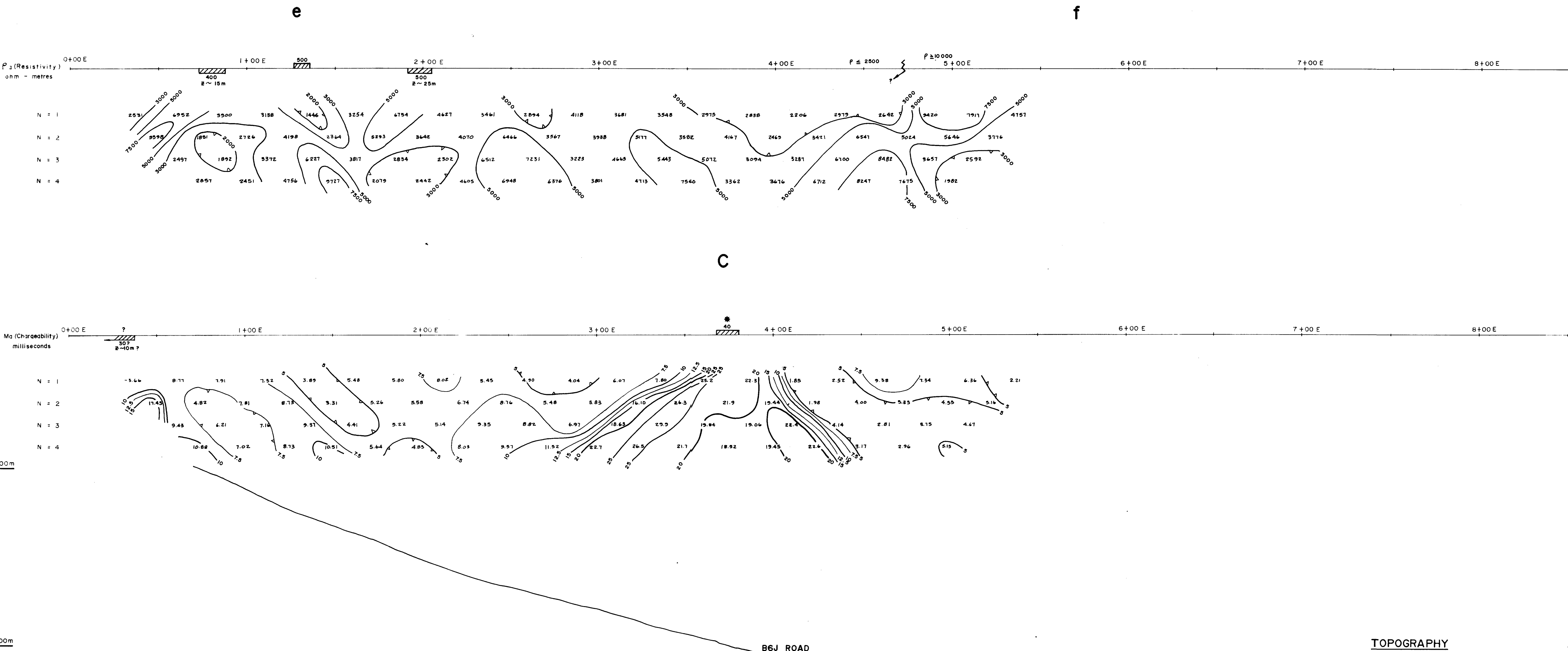
VANCOUVER, B.C.

VOLUME III - MAPS FOR 3/88
REPORT ON PHASES II AND III
GEOLOGY, GEOCHEMISTRY, GEOPHYSICS
AND DIAMOND DRILLING
ON THE
CHEM PROPERTY
VICTORIA MINING DIVISION, B.C.
NTS M92C/16E AND M92B/13W
48°52'N LATITUDE 123°59' W LONGITUDE
FOR
INTERNATIONAL CHEROKEE DEVELOPMENTS LTD.
FEBRUARY 27, 1987
G. ALLEN, P.Geol.



PART
3 of 3

16053



LEGEND

DIPOLE-DIPOLE ARRAY, $a = 25m, n = 1-4$

PLOTTING CONVENTION

RESISTIVITY LOWS (ohm-m)

< 10 10-100 100-1000 > 1000 Limits Undefined

* Corresponding chargeability high

Resistivity low at surface 100 Estimated intrinsic resistivity (ohm-m)

NEW GRID WEST NEW GRID EAST

Resistivity low at depth 70 Estimated intrinsic resistivity (ohm-m)

10m Estimated depth

CHARGEABILITY HIGHS (ms)

> 50 35 25 15 Limits Undefined

* Corresponding resistivity low

Chargeability high at surface 30 Estimated intrinsic chargeability (ms)

NEW GRID WEST NEW GRID EAST

Chargeability high at depth 40 Estimated intrinsic chargeability (ms)

20m Estimated depth

POSSIBLE LITHOLOGIC CONTACT WITH INDICATED DIP

c ? CULTURAL SOURCE

O/B OVERBURDEN

0 25m 50m 75m 100m

PART 3 OF 3
**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

16,053

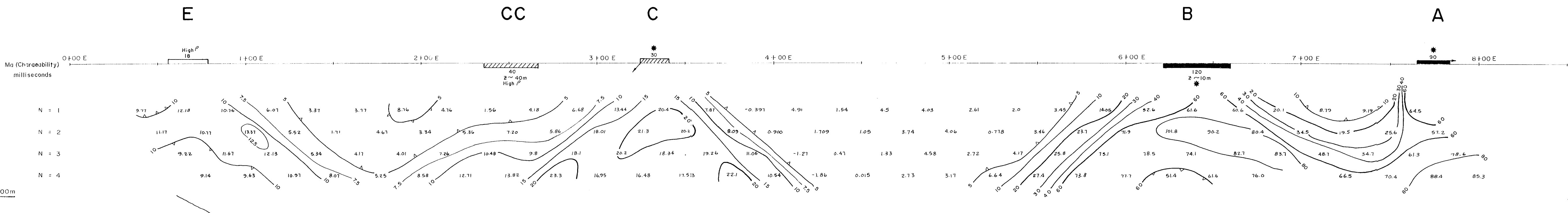
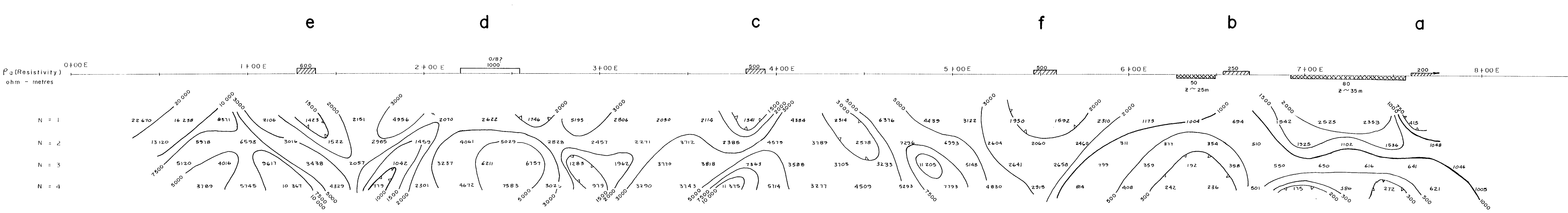
LINE 2+00N (OLD GRID)

INTERNATIONAL CHEROKEE
 DEVELOPMENTS LIMITED

INDUCED POLARIZATION SURVEY
 PSEUDOSECTION
 CHEM GROUP - A GRID
 VICTORIA MINING DIVISION

Project No: V 239	By: J.R., J.P.S., G.A.
Scale: 1:1250	Drawn: M.W.
Drawing No: A-10b	Date: FEBRUARY 1987

MPH MPH Consulting Limited



LEGEND

DIPOLE-DIPOLE ARRAY, $a = 25m, n = 1-4$

PLOTTING CONVENTION

RESISTIVITY LOWS (ohm-m)

CHARGEABILITY HIGHS (ms)

NEW GRID WEST / NEW GRID EAST

POSSIBLE LITHOLOGIC CONTACT WITH INDICATED DIP

CULTURAL SOURCE

OVERBURDEN

Scale: 0 25m 50m 75m 100m

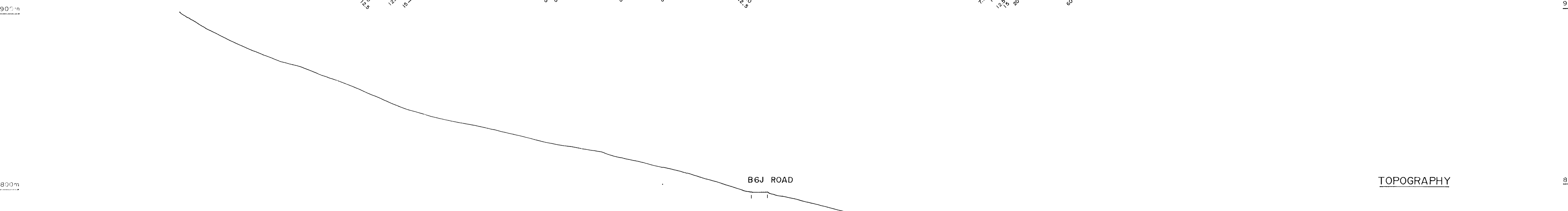
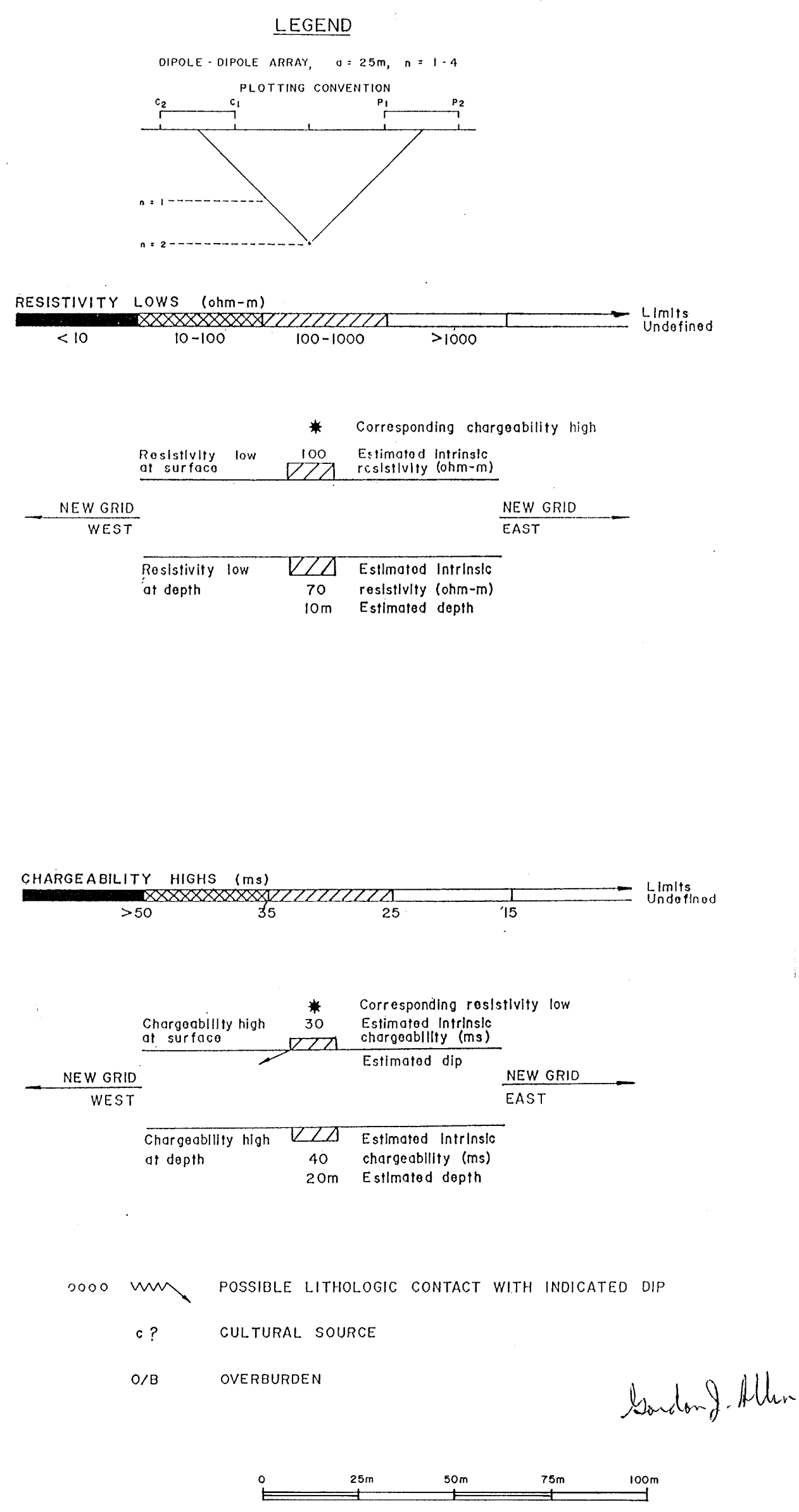
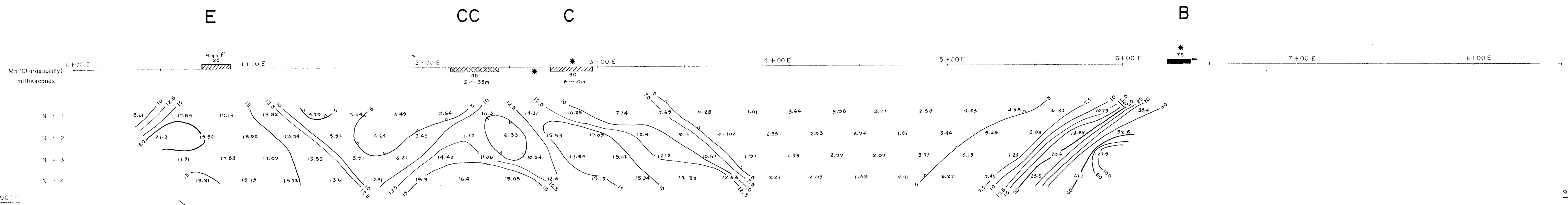
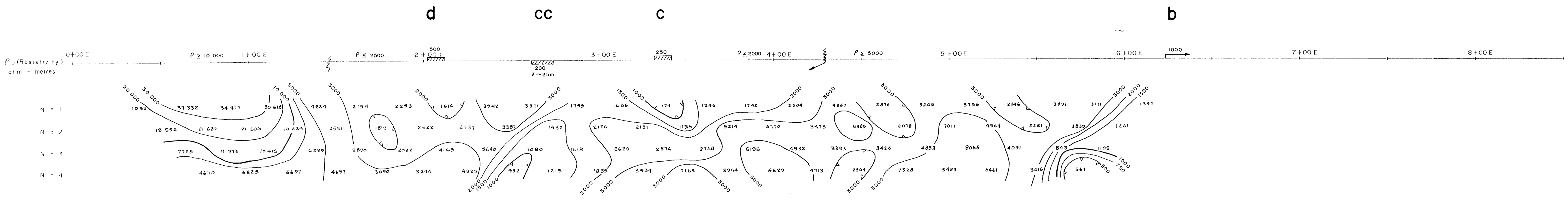
London J. Allen

LINE 3+00N (OLD GRID)

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED	
INDUCED POLARIZATION SURVEY PSEUDOSECTION	
CHEM GROUP - A GRID	
VICTORIA MINING DIVISION	
Project No. V 239	By J.R., J.P.S., G.A.
Scale: 1:1250	Drawn: M.W.
Drawing No. A-10c	Date: FEBRUARY 1987

PART 3 OF 3
GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,053



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GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,053

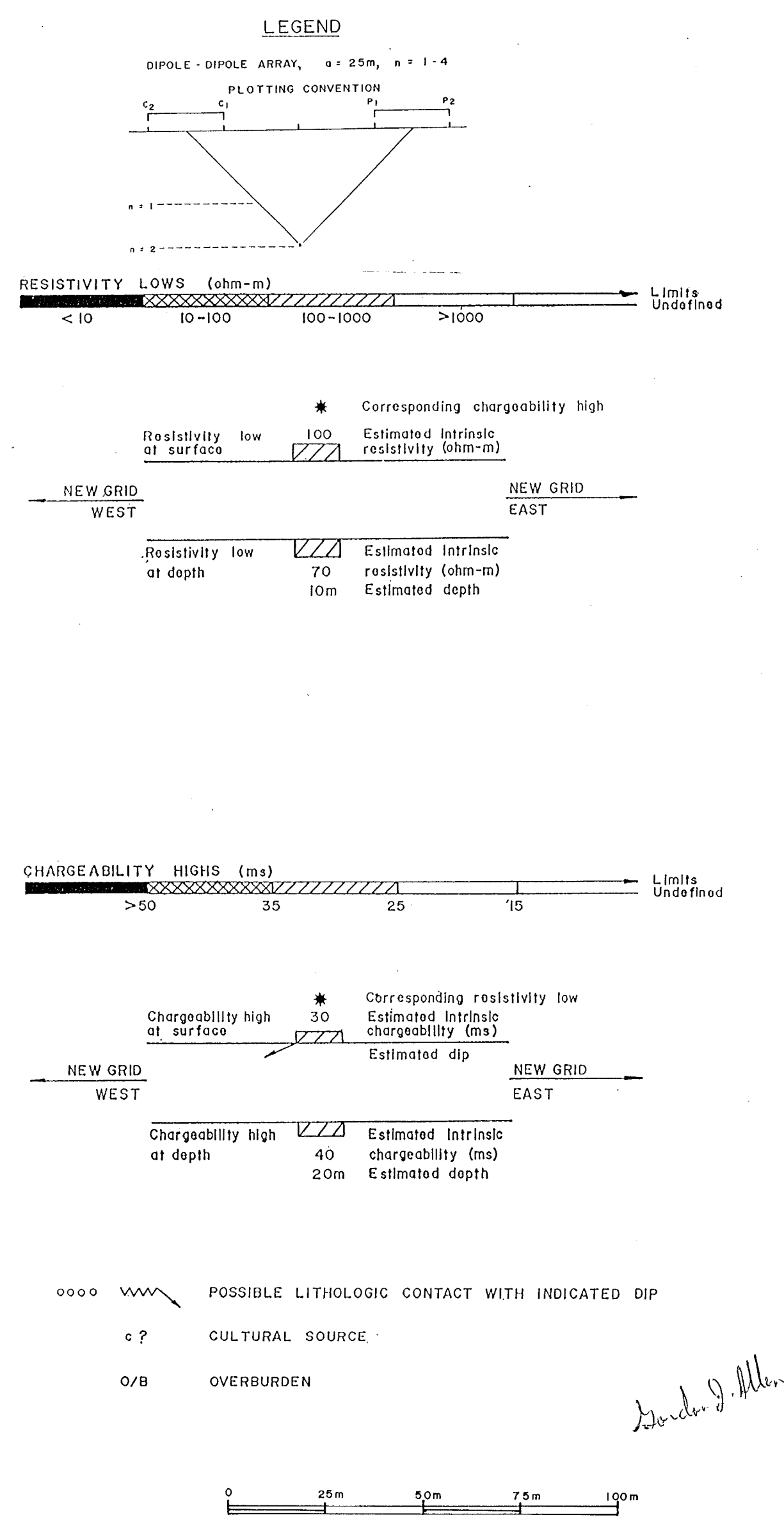
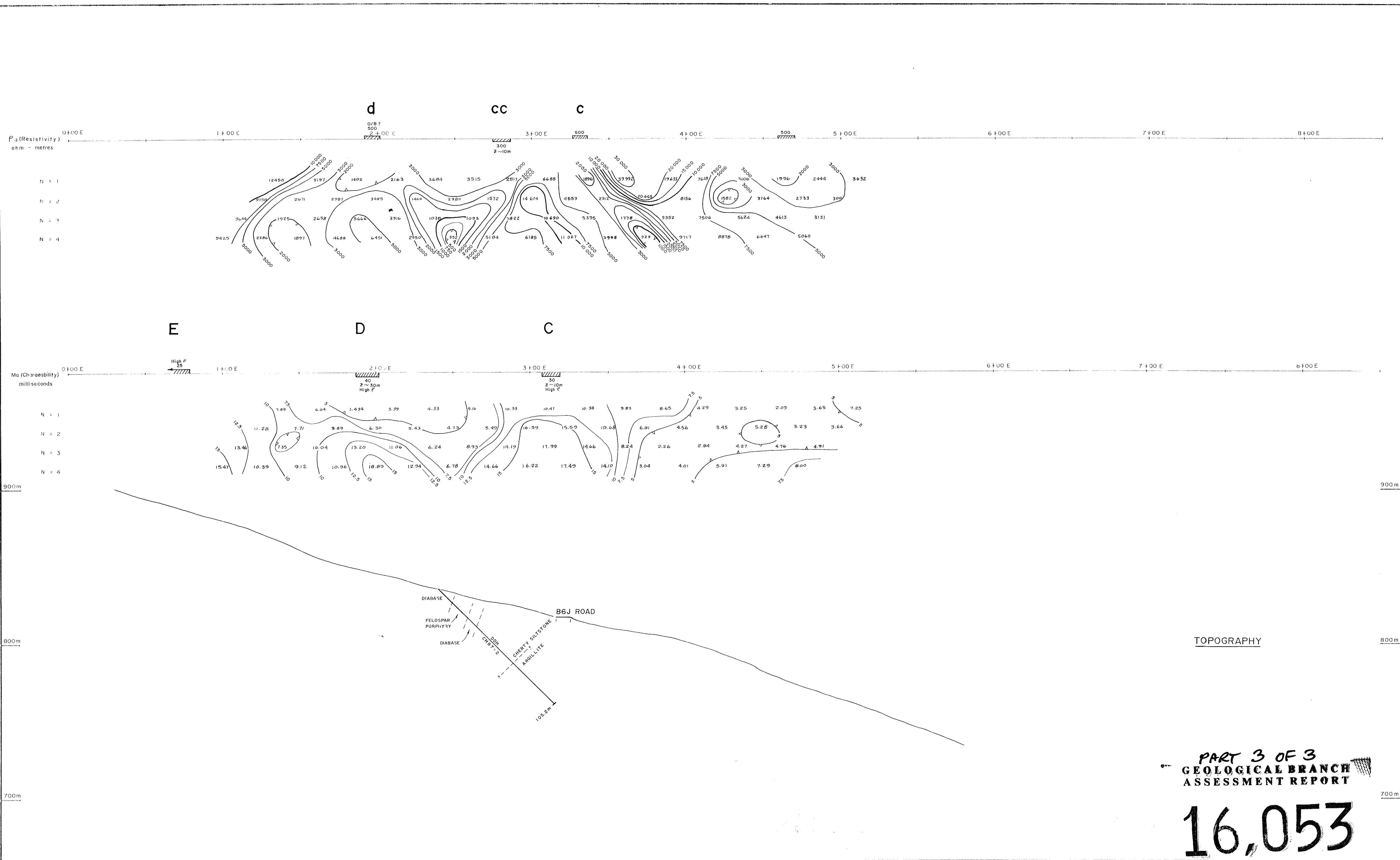
LINE 4+00N (OLD GRID)

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

INDUCED POLARIZATION SURVEY
PSEUDOSECTION
CHEM GROUP - A GRID
VICTORIA MINING DIVISION

Project No V 239 By J.R., J.P.S., G.A.
Scale 1:1250 Drawn M.W.
Drawing No A-10d Date FEBRUARY 1987

MPH Consulting Limited



LINE 5+00 N (OLD GRID)

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

INDUCED POLARIZATION SURVEY PSEUDOSECTION

CHEM GROUP -- A GRID

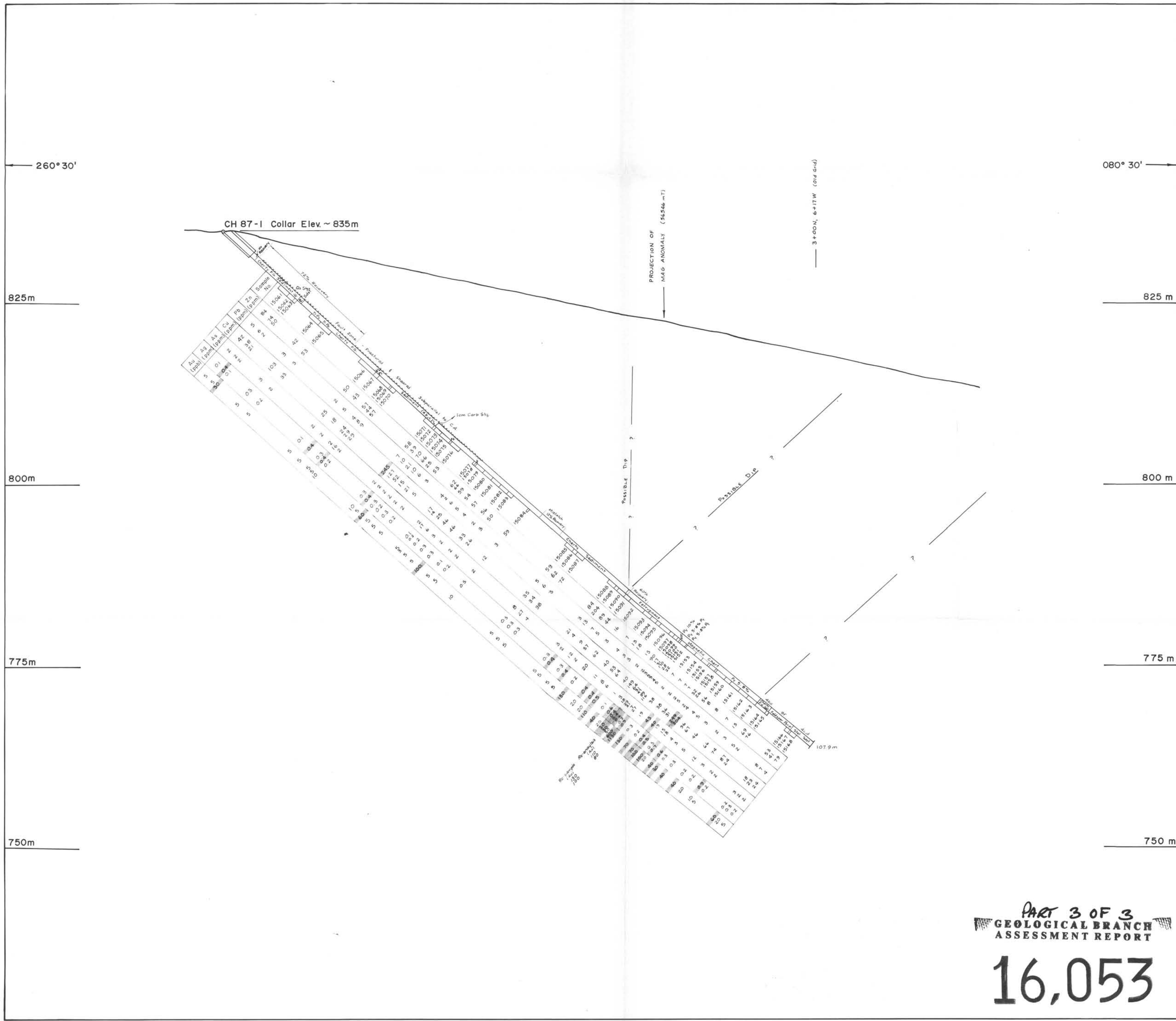
VICTORIA MINING DIVISION

Project No. V 239 By J.P.S.

Scale: 1:1250 Drawn M.W.

Drawing No. A-10e Date FEBRUARY 1987

MPH Consulting Limited

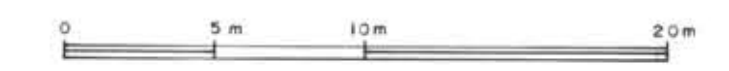


- LEGEND**
- CENOZOIC**
- QUATERNARY**
- 12 Unconsolidated sediments: glacial outwash, till, and alluvium
- MESOZOIC**
- CRETACEOUS**
- 10 NANAIMO GROUP: conglomerate, sandstone, siltstone, shale, minor coal (undifferentiated)
- JURASSIC**
- 8 ISLAND INTRUSIONS:
- 9a mafic dykes
 - 9b diorite
 - 9f feldspar porphyry
 - 9g quartz diorite to granodiorite
- TRIASSIC**
- 6 Karmutsen Formation (?) basaltic rocks
- 6a diabase
 - 6d gabbro and flower porphyry
- PALEOZOIC**
- UPPER SILURIAN TO LOWER PERMIAN**
- SICKER GROUP**
- 4 Comox River Formation (formerly mapped as Myra and/or Sediment Hill Formations)
- 4a argillite, slate ± chert ± chert porphyroblasts
 - 4b chert, cherty siltstone, cherty tuff, locally ferruginous, jasperoid
 - 4c siltstone, locally hornfelsed
 - 4d sandstone, locally hornfelsed
 - 4e crystal tuff, tuffaceous sediment
 - 4f tuffaceous conglomerate and sedimentary breccia
 - 4g green phyllite (protolith uncertain)
 - 4h marble
- 2 McLoughlin Ridge Formation (formerly mapped as Nitinat 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 Nitinat Formation
- 1a pyroxene crystal tuff, lapilli tuff
 - 1b pyroxene rich volcanic breccia, agglomerate
 - 1f feldspar crystal tuff, lapilli tuff
 - 1i laminated tuff, cherty tuff
 - 1o massive subpyric mafic flows
 - 1g pyroxene porphyry (flows and intrusions)
 - 1x massive tuff, tuffaceous sandstone
- NOTE: Legend based in part on Massey, BCMEMPR, OF 1987/2 and Muller, 1980's, GSC Paper 79-30.

- SYMBOLS**
- Shear or stringer
 - Strong vein
 - Assumed lithologic contact
 - Assumed projection of quartz vein
 - Broken core
 - Subdivision of unit
 - Anomalous value

ABBREVIATIONS

Minerals:	Rock Types:	Textures:	General:
As arsenopyrite	Aggl agglomerate	Bx breccia	Abdt abundant
Cp chalcopyrite	Arg argillite	Chty cherty	Xl crystal
Gt galena	Carb carbonate	CG coarse grained	Frcr(s) fracture(s)
Hm hematite	Cong conglomerate	FG fine grained	Frag(s) fragment(s)
Mt magnetite	IF iron formation	MG medium grained	Int Bdd interbedded
Mal malachite	(ferruginous chert)		J joint
Po pyrrhotite	Jspr jasper		Ssr shear
Py pyrite	QFP quartz feldspar		Sil siliceous, silicified
Qz quartz	porphyry		Stg stringer
Sp sphalerite	Sdst sandstone		Tr trace
	Sst siltstone		



Part 3 of 3
GEOLOGICAL BRANCH
ASSESSMENT REPORT

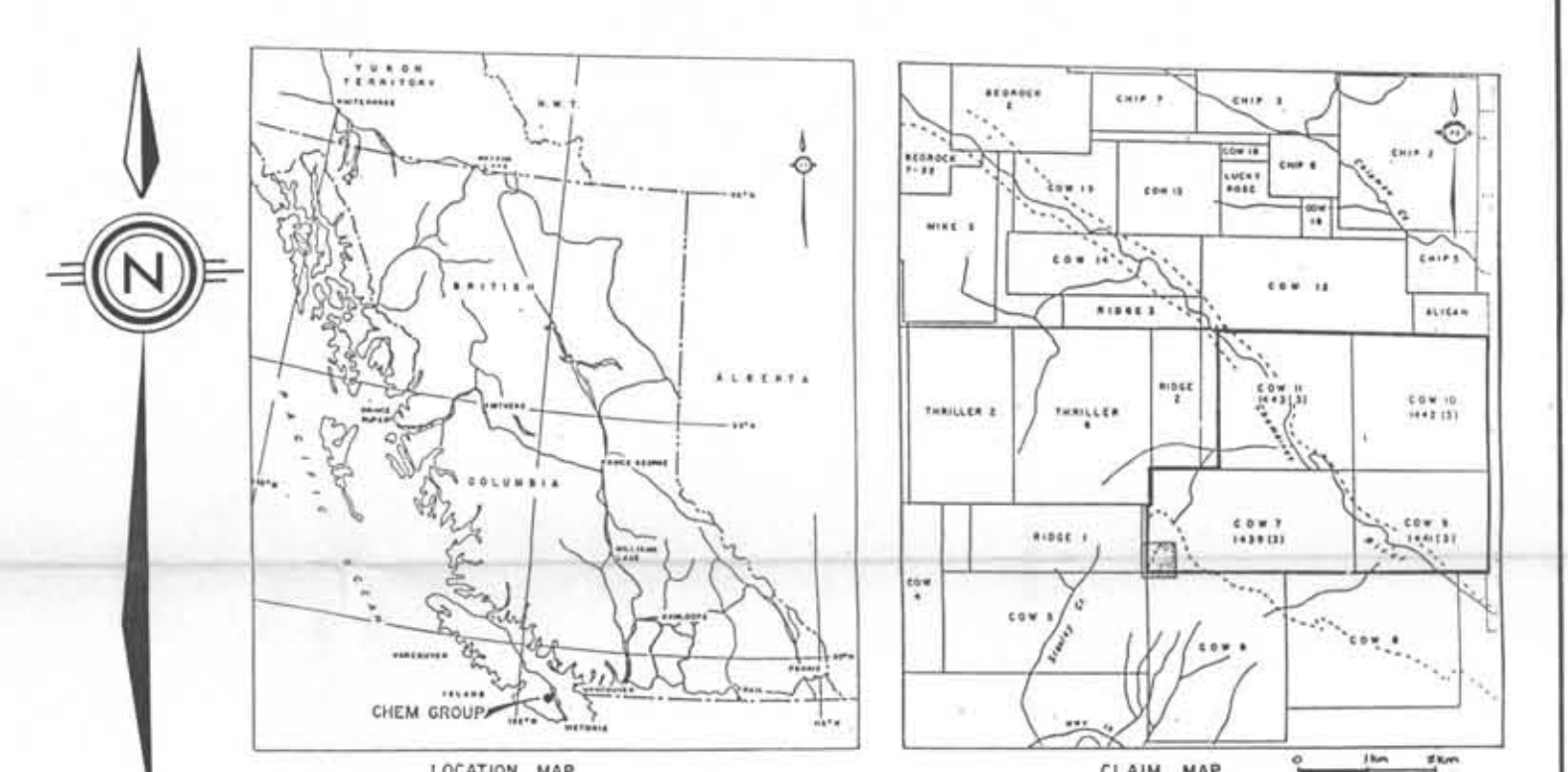
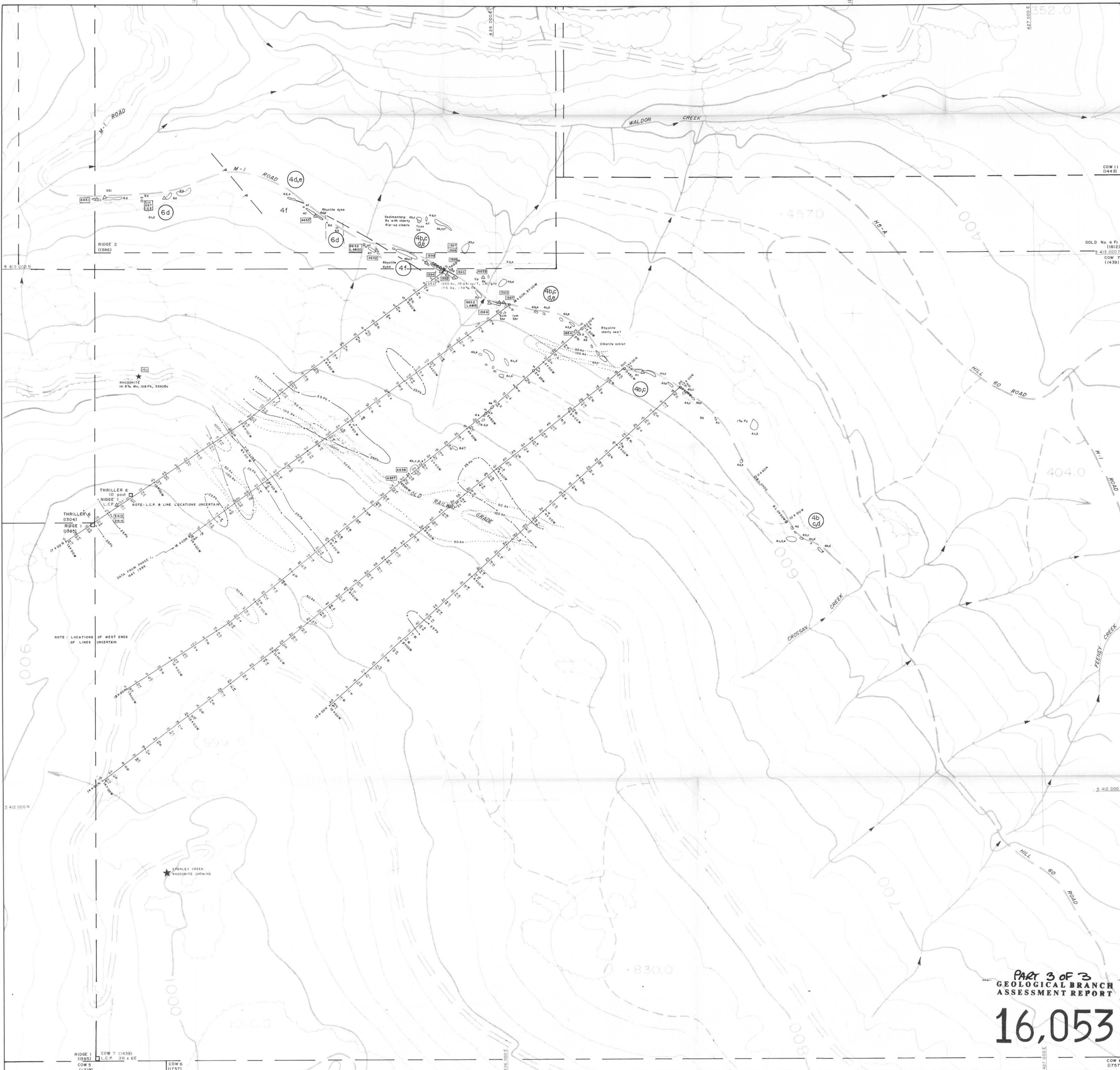
16,053

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

SECTION
DDH CH 87-1
CHEM GROUP
 VICTORIA MINING DIVISION

Project No: V 239 III	By: G.A.
Scale: 1:250	Drawn: M.W.
Drawing No: A - 12 a	Date: FEB. 1987

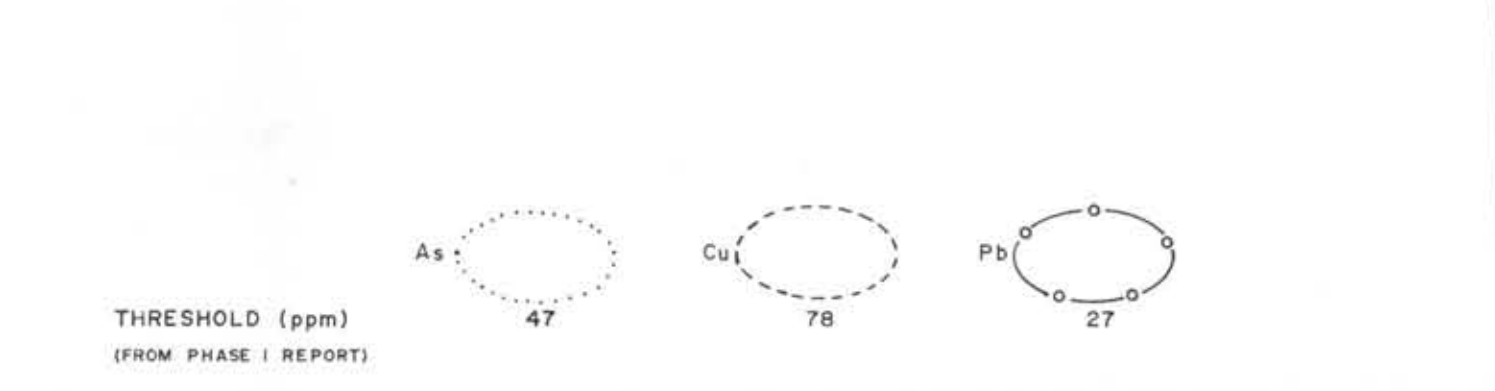
MPH MPH Consulting Limited



COW 11 (1443)
 GOLD No. 4 F (1812)
 S 413 000 N
 COW 7 (1439)

LEGEND

GRID LINE, SOIL SAMPLE SITE AND ANALYSES	ppm As	ppm Cu	ppm Pb
17100N	5	8	4
17200N	5	8	4
17300N	5	8	4
17400N	5	8	4
17500N	5	8	4



- LEGEND**
- QUATERNARY**
 - 1 Unconsolidated sediments: gravel network, fill, and alluvium
 - MESOZOIC CRETACEOUS**
 - 10 NANAIMO GROUP: conglomerate, sandstone, siltstone, shale, minor coal (undifferentiated)
 - JURASSIC**
 - 9 ISLAND INTRUSIONS
 - 9a mafic dykes
 - 9b diorite
 - 9c felsic porphyry
 - 9d quartz diorite to granodiorite
 - TRIASSIC**
 - 6 Formation (?) basaltic rocks
 - 6a diabase
 - 6b gabbro and flower porphyry
 - PALEOZOIC UPPER SILURIAN TO LOWER PERMIAN SICKER GROUP**
 - 4 Cameron River Formation (formerly mapped as Mary and/or Sediment Six Formations)
 - 4a argillite, siltstone, cherty siltstone, locally ferruginous, impure
 - 4b cherty, cherty siltstone, cherty tuff, locally ferruginous, impure
 - 4c siltstone, locally hardfaced
 - 4d sandstone, locally hardfaced
 - 4e crystal tuff, sulfurous sandstone
 - 4f heterolithic conglomerate and sedimentary breccia
 - 4g green phyllite (possibly unmetamorphosed)
 - 4h massive
 - 2 McLachlan Ridge Formation (formerly mapped as Nimitz and/or Mary Formations)
 - 2a argillite
 - 2b cherty tuff, cherty siltstone
 - 2c buffaceous siltstone, siltstone
 - 2d buffaceous sandstone, sandstone
 - 2e crystal tuff, sandy tuff
 - 2f argillite tuff, tuff, siltstone, conglomerate
 - 1 Nimitz Formation
 - 1a pyroxene crystal tuff, lignite tuff
 - 1b pyroxene rich volcanic breccia, agglomerate
 - 1c felsic crystal tuff, lignite tuff
 - 1d laminated tuff, cherty tuff
 - 1e massive argillite, mafic tuff
 - 1f pyroxene porphyry (flow and intrusions)
 - 1g massive tuff, buffaceous sandstone

NOTE: Legend based in part on Healy, 1967, p. 107-112 and Muller, 1980, GSC Paper 79-30.

SYMBOLS

- ★ Outstanding mineralization with sample number and analyses (Au ppm, others ppm)
- Grid line
- MS-1 Diamond drill hole
- Legal corner post with claim name and claim boundaries
- Boundary of overlapping claim
- Road: 2WD accessible, all weather
- Road: 4WD accessible
- Road: present, inaccessible to vehicles
- Trail

NEW GRID STATION 3700F 4100W OLD GRID STATION

0 50m 100m 200m
 20 metre contour interval.
 Claim boundaries from L.C.P.'s located in field.

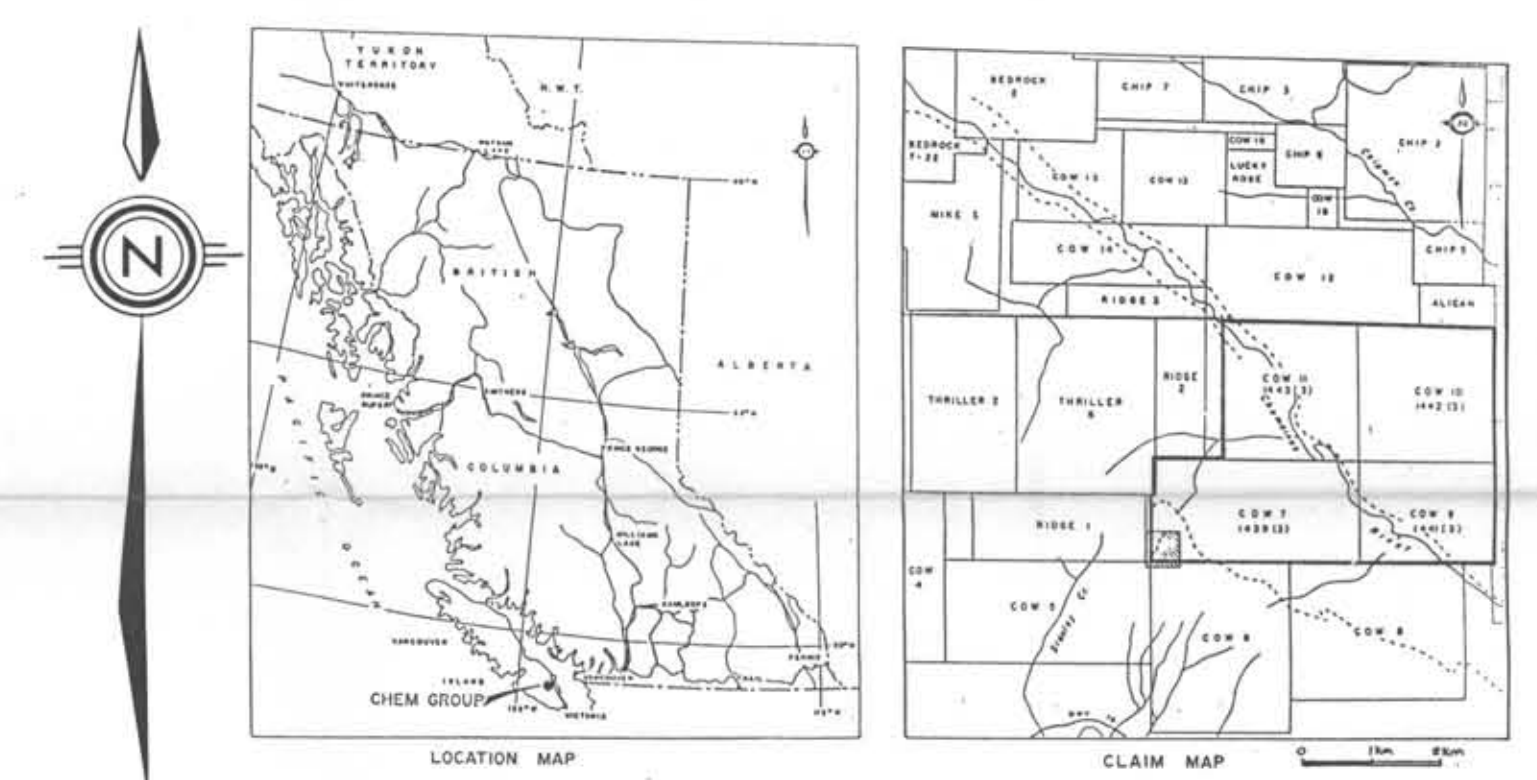
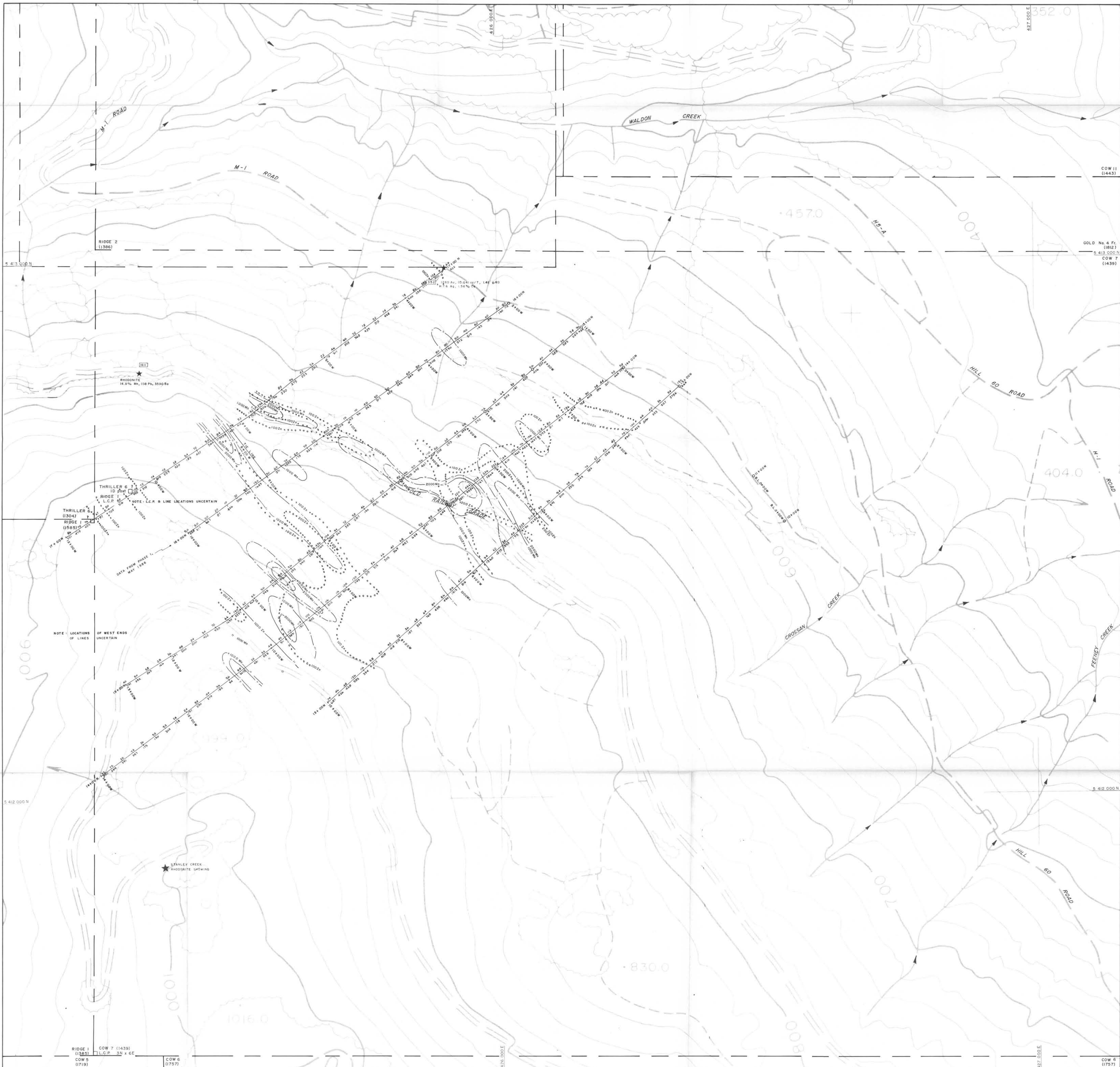
PART 3 OF 3
GEOLOGICAL BRANCH
ASSESSMENT REPORT
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INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED

SOIL GEOCHEMISTRY
 As (ppm), Cu (ppm), Pb (ppm)
 B GRID
CHEM GROUP
 VICTORIA MINING DIVISION

Project No: V 239	By: G.A.
Scale: 1:2500	Drawn: M.W.
Drawing No: B-3	Date: FEBRUARY 1987

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LEGEND

171 00N 22 ppm Zn
76 ppm Mn

GRID LINE, SOIL SAMPLE SITE AND ANALYSES

THRESHOLD (ppm)

Zn 105 (FROM PHASE I REPORT)
Mn 1000 (ARBITRARY PICK)

SYMBOLS

- Four: Four
- Outstanding mineralization with sample number: Outstanding mineralization with sample number
- Transect: Transect
- Grid line: Grid line
- Diamond drill hole: Diamond drill hole
- Legal corner post with claim name and claim boundaries: Legal corner post with claim name and claim boundaries
- Boundary of mining claim: Boundary of mining claim
- NEW GRID STATION: NEW GRID STATION
- 2 WD crossable, all weather: 2 WD crossable, all weather
- 4 WD crossable: 4 WD crossable
- Road presently inaccessible to vehicles: Road presently inaccessible to vehicles
- Traill: Traill
- SHOW OLD GRID STATION: SHOW OLD GRID STATION

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

INTERNATIONAL CHEROKEE DEVELOPMENTS LIMITED	
SOIL GEOCHEMISTRY Zn (ppm), Mn (ppm) B GRID CHEM GROUP VICTORIA MINING DIVISION	
Project No: V 239	By: G.A.
Scale: 1:2500	Drawn: M.W.
Drawing No: B-4	Date: FEBRUARY 1987
MPH MPH Consulting Limited	