

SIMILKAMEEN TRENCH S87TR001 SAMPLES

Sample Number	length (m)	Au ppb	Ag ppm	As ppm	B1 ppm	Co ppm
SM7S-183	4.5	80.	0.2	170.	2.	9.
SM7S-184	3.5	35.	0.2	130.	<2.	4.
SM7S-185	5.9	<5.	0.2	10.	<2.	17.
SM7S-186	5.2	<5.	0.2	35.	<2.	16.
SM7S-187	8.3	<5.	0.2	10.	2.	9.
SM7S-188	10.0	<5.	0.2	25.	<2.	11.
SM7S-189	10.7	<5.	0.2	20.	2.	11.
SM7S-190	2.0	<5.	0.2	130.	4.	12.
SM7S-191	1.0	<5.	0.2	60.	<2.	13.
SM7S-192	2.0	145.	0.2	4575.	<2.	35.
SM7S-193	2.0	10.	0.2	175.	<2.	11.
SM7S-194	2.0	<5.	0.2	230.	2.	10.
SM7S-195	2.0	<5.	0.2	200.	<2.	10.
SM7S-196	2.0	<5.	0.2	160.	<2.	7.
SM7S-197	2.0	105.	0.2	1155.	<2.	35.
SM7S-198	2.0	40.	0.2	140.	<2.	8.
SM7S-199	2.0	15.	0.2	160.	<2.	8.
SM7S-200	1.6	<5.	0.2	75.	<2.	15.
SM7S-201	3.0	5.	0.2	115.	<2.	9.
SM7S-202	1.3	150.	1.4	455.	4.	11.
SM7S-203	1.4	<5.	0.2	10.	8.	-
SM7S-204	2.0	20.	0.4	60.	<2.	1.
SM7S-205	0.9	<5.	0.2	70.	<2.	25.
SM7S-206	2.0	<5.	0.2	55.	2.	6.
SM7S-207	2.0	<5.	0.2	10.	<2.	4.
SM7S-208	2.0	830.	0.2	50.	<2.	7.
SM7S-209	6.9	75.	0.2	100.	<2.	32.
SM7S-210	0.5	5420.	26.0	885.	8.	60.
SM7S-211	4.3	35.	1.2	50.	<2.	24.
SM7S-212	1.3	80.	10.0	25.	<2.	5.
SM7S-213	1.7	90.	2.0	20.	<2.	4.

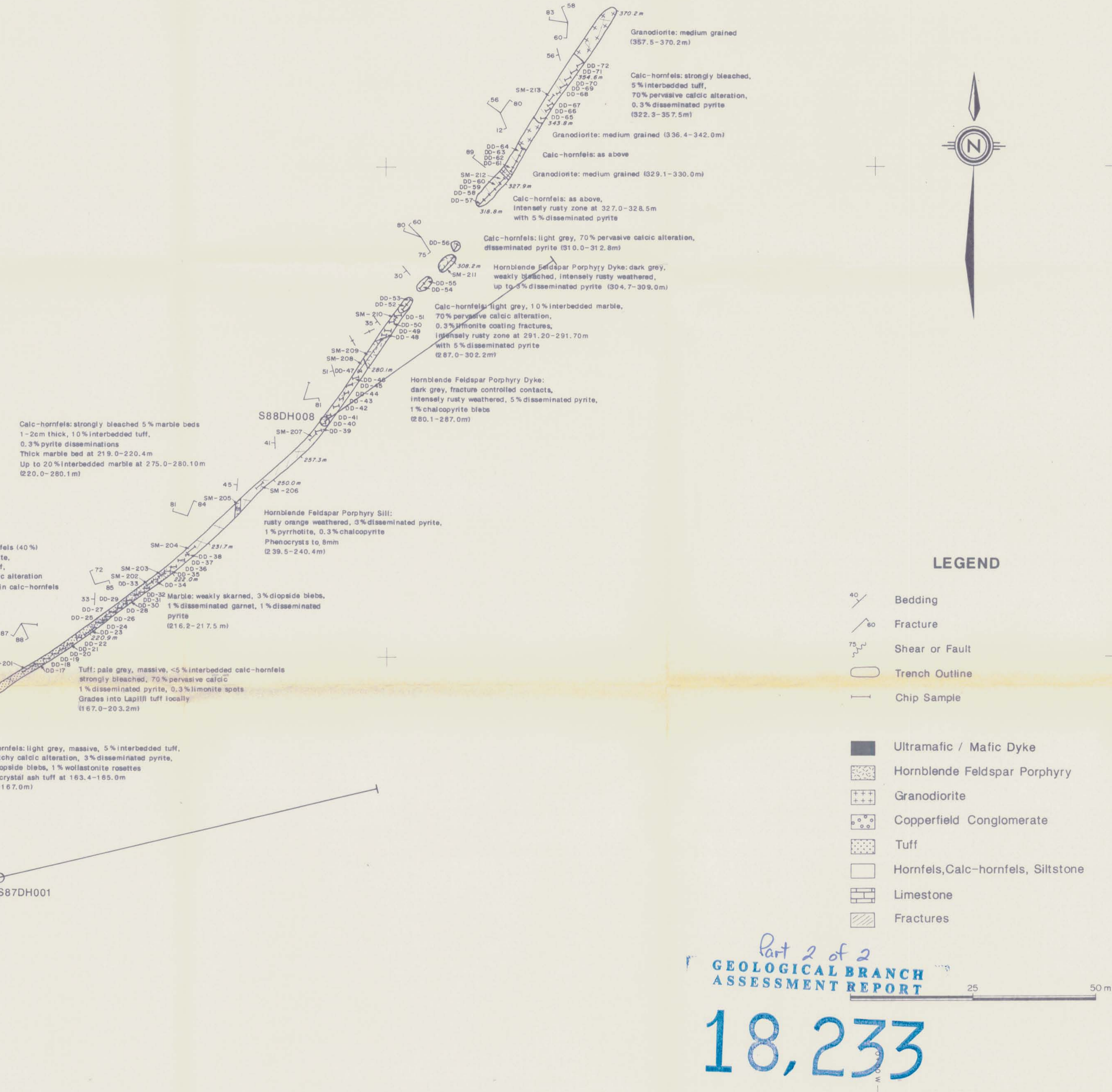
1988 TRENCH SAMPLE RESULTS

SAMPLE NUMBER	WIDTH (m)	Au ppb	Ag ppm	As ppm	B1 ppm	Co ppm
DD85-001	0.4	20.	0.4	820.	<2.	13.
DD85-002	0.7	20.	0.4	500.	<2.	13.
DD85-003	0.8	15.	0.4	215.	<2.	7.
DD85-004	0.7	15.	0.2	185.	<2.	12.
DD85-005	0.6	20.	0.4	630.	<2.	21.
DD85-006	2.0	10.	0.4	255.	<2.	13.
DD85-007	2.0	15.	0.4	440.	<2.	13.
DD85-008	1.0	10.	0.2	215.	<2.	11.
DD85-009	1.1	<5.	0.2	180.	<2.	7.
DD85-010	0.9	5.	0.4	140.	<2.	29.
DD85-011	3.5	<5.	0.2	95.	<2.	10.
DD85-012	1.0	15.	0.8	185.	<2.	19.
DD85-013	0.85	20.	0.4	150.	<2.	6.
DD85-014	1.0	50.	0.6	400.	<2.	12.
DD85-015	1.4	5.	0.2	50.	<2.	8.
DD85-016	1.3	25.	0.4	160.	<2.	10.
DD85-017	1.2	15.	1.2	90.	<2.	7.
DD85-018	1.6	15.	1.2	105.	<2.	11.
DD85-019	1.2	<5.	1.0	60.	<2.	11.
DD85-020	0.9	5.	0.4	70.	<2.	8.
DD85-021	1.0	10.	0.4	75.	<2.	7.
DD85-022	1.4	125.	0.4	60.	<2.	9.
DD85-023	2.8	35.	1.2	80.	<2.	10.
DD85-024	1.2	5.	1.0	70.	<2.	14.
DD85-025	0.8	10.	1.4	35.	<2.	12.
DD85-026	0.95	25.	3.2	40.	<2.	11.
DD85-027	1.2	1.2	0.2	4.	<2.	4.
DD85-028	0.8	<5.	0.8	110.	<2.	8.
DD85-029	0.6	15.	2.0	325.	<2.	13.
DD85-030	1.0	<5.	0.6	40.	<2.	11.
DD85-031	0.6	10.	0.4	140.	<2.	14.
DD85-032	1.0	<5.	0.8	45.	<2.	12.
DD85-033	1.0	<5.	0.8	85.	<2.	9.
DD85-034	0.75	<5.	0.4	85.	<2.	13.
DD85-035	0.85	<5.	0.6	5.	<2.	11.
DD85-036	1.2	10.	1.2	90.	<2.	13.
DD85-037	1.2	10.	0.6	70.	<2.	6.
DD85-038	0.65	15.	0.6	85.	<2.	4.
DD85-039	1.2	15.	0.4	40.	<2.	4.
DD85-040	0.65	<5.	0.6	20.	<2.	5.
DD85-041	1.10	15.	0.6	95.	<2.	5.
DD85-042	0.9	25.	0.6	30.	<2.	3.
DD85-043	0.7	15.	0.6	40.	<2.	3.
DD85-044	1.0	10.	0.6	20.	<2.	2.
DD85-045	1.3	10.	0.6	40.	<2.	2.
DD85-046	1.3	90.	0.2	45.	<2.	2.
DD85-047	0.55	80.	0.6	190.	<2.	5.
DD85-048	0.6	10.	0.4	5.	<2.	1.
DD85-049	1.25	5.	1.0	10.	<2.	4.
DD85-050	1.1	40.	0.6	25.	<2.	3.
DD85-051	1.6	1020.	1.0	25.	<2.	3.
DD85-052	1.2	<5.	0.4	20.	<2.	3.
DD85-053	1.35	20.	0.8	10.	<2.	2.
DD85-054	1.15	<5.	0.4	10.	<2.	2.
DD85-055	1.6	5.	0.4	15.	<2.	7.
DD85-056	1.5	<5.	1.0	90.	<2.	7.
DD85-057	1.5	20.	0.4	20.	<2.	1.
DD85-058	1.0	40.	0.4	15.	<2.	1.
DD85-059	1.5	25.	0.6	10.	<2.	5.
DD85-060	1.4	5.	0.6	10.	<2.	2.
DD85-061	1.2	85.	0.8	20.	<2.	4.
DD85-062	1.7	35.	1.2	50.	<2.	21.
DD85-063	1.3	30.	1.4	70.	<2.	9.
DD85-064	1.1	10.	1.0	5.	<2.	7.
DD85-065	0.7	20.	0.6	15.	<2.	1.
DD85-066	1.15	80.	0.6	55.	<2.	11.
DD85-067	1.0	80.	0.6	5.	<2.	1.
DD85-068	0.7	15.	0.6	<5.	<2.	1.
DD85-069	1.6	20.	0.6	5.	<2.	1.
DD85-070	1.4	10.	0.8	10.	<2.	2.
DD85-071	1.5	25.	0.8	20.	<2.	5.
DD85-072	1.5	10.	0.6	15.	<2.	<1.

36 + 00 S

37 + 00 S

38 + 00 S



LEGEND

- 40 Bedding
- 80 Fracture
- 75 Shear or Fault
- Trench Outline
- Chip Sample
- Ultramafic / Mafic Dyke
- Hornblende Feldspar Porphyry
- Granodiorite
- Copperfield Conglomerate
- Tuff
- Hornfels, Calc-hornfels, Siltstone
- Limestone
- Fractures

Part 2 of 2  
**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

**18,233**

Chevron Chevron Canada Resources Limited Minerals Staff		
<b>SIMILKAMEEN CLAIMS</b> TRENCH S87TR001 (LOST HORSE 86 CLAIM) MONTELLO OPTION		
FIGURE No 4	PROJECT No M-579	
DATE OCT. 1987	REVISIONS	SCALE 1:500
NTS No 02M/BE	DD OCT. 1988	FILE No
COMPILED BY SM		G-4

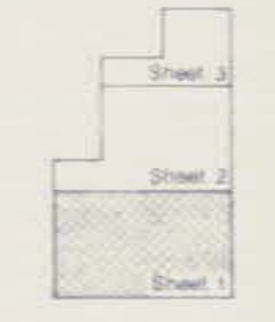


ASHNOLA INDIAN RESERVE

**LEGEND**

- |   |   |  |  |
|---|---|--|--|
| <b>UNCERTAIN AGE</b>  | <b>LATE TRIASSIC</b>  | <b>SYMBOLS</b>   | <b>ABBREVIATIONS</b>   |
| <ul style="list-style-type: none"> <li>□ Quartz Feldspar Porphyry</li> <li>□ Feldspar Porphyry</li> <li>□ Diorite</li> <li>□ Cobalt Creek Pluton</li> <li>□ Granodiorite</li> <li>□ Apatite</li> <li>□ Mafic intrusions</li> <li>□ Hornblende Feldspar Porphyry</li> <li>□ Hornblende Porphyry</li> </ul> | <ul style="list-style-type: none"> <li>Whistler Creek Sequence</li> <li>□ Tuff</li> <li>□ Lapilli Tuff</li> <li>□ Crystal Tuff</li> <li>□ Tufaceous Siltstone</li> <li>□ Copperfield Conglomerate</li> <li>Hedley Sequence</li> <li>□ Siltstone</li> <li>□ Argillite</li> <li>□ Hornfels</li> <li>□ Basaltic Hornfels</li> <li>□ Calc - Hornfels</li> <li>□ Limestone</li> <li>□ Marble</li> <li>□ Skarn</li> </ul> | <ul style="list-style-type: none"> <li>• Rock Sample</li> <li>○ Outcrop</li> <li>○ Float</li> <li>— Fault</li> <li>— Bedding</li> <li>— Fracture</li> <li>— Trench</li> <li>○ Diamond Drill Hole</li> <li>— Cross Section Line</li> <li>— Fault</li> <li>— Anticline</li> <li>— Geological Contact</li> <li>— known</li> <li>— inferred</li> </ul> | <ul style="list-style-type: none"> <li>as arsenopyrite</li> <li>dp diopside</li> <li>ga garnet</li> <li>hl hornfelsed</li> <li>id idocrase</li> <li>pr pyrrhotite</li> <li>py pyrite</li> <li>wo wollastonite</li> </ul> |

Map Sheet Index



SCALE  
250 500 m

10 METRE CONTOURS  
DRAWN BY EAGLE MAPPING SERVICES LTD (87-39)  
COMPILED FROM 1979 AIR PHOTOS  
SHEET 1 of 3

MONTELLO BOTTOM ROCK SAMPLES		SHEET 11	
Sample No.	Depth (m)	Sample No.	Depth (m)
MM-100	10	MM-110	10
MM-101	15	MM-111	15
MM-102	20	MM-112	20
MM-103	25	MM-113	25
MM-104	30	MM-114	30
MM-105	35	MM-115	35
MM-106	40	MM-116	40
MM-107	45	MM-117	45
MM-108	50	MM-118	50
MM-109	55	MM-119	55
MM-110	60	MM-120	60
MM-111	65	MM-121	65
MM-112	70	MM-122	70
MM-113	75	MM-123	75
MM-114	80	MM-124	80
MM-115	85	MM-125	85
MM-116	90	MM-126	90
MM-117	95	MM-127	95
MM-118	100	MM-128	100
MM-119	105	MM-129	105
MM-120	110	MM-130	110
MM-121	115	MM-131	115
MM-122	120	MM-132	120
MM-123	125	MM-133	125
MM-124	130	MM-134	130
MM-125	135	MM-135	135
MM-126	140	MM-136	140
MM-127	145	MM-137	145
MM-128	150	MM-138	150
MM-129	155	MM-139	155
MM-130	160	MM-140	160

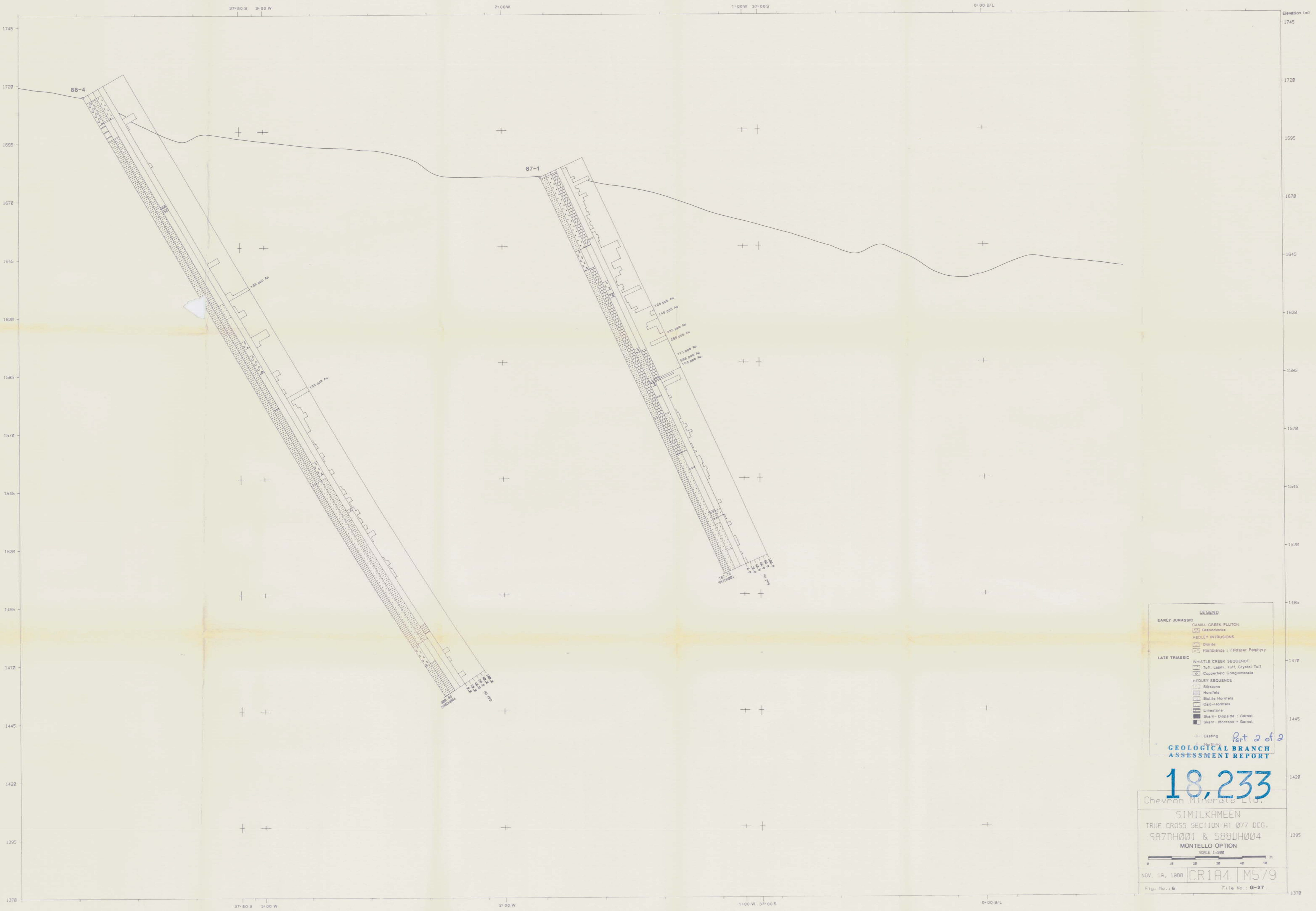
18,233  
 GEOLOGICAL BRANCH  
 ASSESSMENT REPORT

**Chevron Canada Resources Limited**  
Minerals Staff

**SIMILKAMEEN  
GEOLOGY AND ROCK  
GEOCHEMISTRY  
MONTELLO OPTION**

FIGURE No 3 PROJECT No M-579

DATE: APR. 1987	REVISIONS	Sheet 1 of 3	SCALE: 1:5,000
NTS No. 92 H/S			FILE No.
COMPILED BY: SM			G-11



**LEGEND**

**EARLY JURASSIC**

- CAMILL CREEK PLUTON
  - Granodiorite
- HEDLEY INTRUSIONS
  - Diorite
  - Hornblende + Feldspar Porphyry

**LATE TRIASSIC**

- WHISTLE CREEK SEQUENCE
  - Tuff, Lapilli, Tuff, Crystal Tuff
  - Copperfield Conglomerate
- HEDLEY SEQUENCE
  - Siltstone
  - Hornfels
  - Biotite Hornfels
  - Calc-Hornfels
  - Limestone
  - Skarn-Diopside + Garnet
  - Skarn-Muscovite + Garnet

+ Easting  
+ Northing

*Part 2 of 2*

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**18,233**

Chevron Minerals Ltd.

SIMILKAMEEN  
TRUE CROSS SECTION AT 077 DEG.  
587DH001 & 588DH004  
MONTELLO OPTION

SCALE 1:500

NOV. 19, 1988 CR1A4 M579

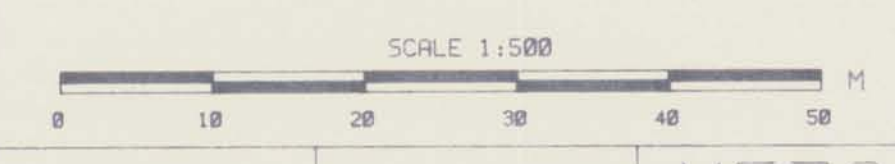
Fig. No.: 6 File No.: G-27



Part 2 of 2  
**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**18,233**

Chevron Minerals Ltd.  
 SIMILKAMEEN  
 MONTELLO OPTION  
 DDH 87-1 & 88-3,4,8



NOV. 8, 1988 FILE: MT500PLN **M579**

Fig. No. 5a File No. G-26

Chevron Minerals Ltd.  
SIMILKANEEN  
DRILLHOLE 587DH001  
PROJECT ID : M579

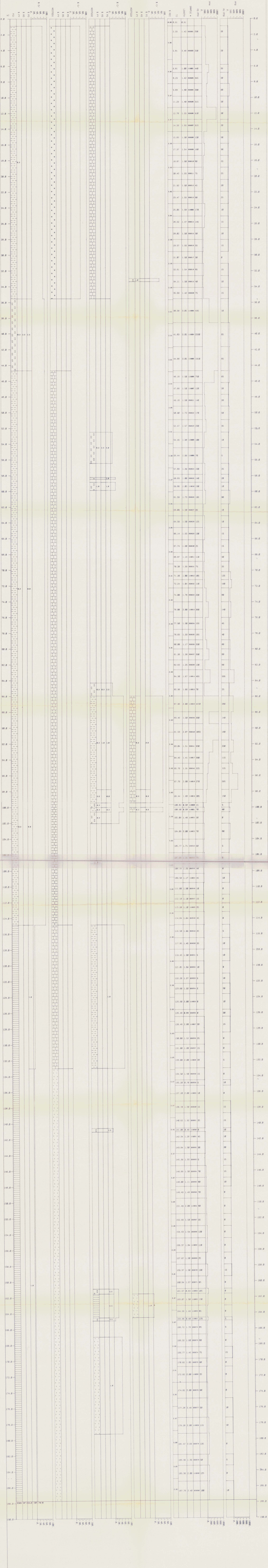
MONTELO OPTION Part 2 of 2  
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

18,233

HOLE / TRAVERSE ID : 587DH001  
CORE HOLE SIZE : NQ  
DATE STARTED : 87/10/ 8  
DATE COMPLETED : 87/10/12  
GEOLOGED BY : SOW  
PLOT DATE : 88/DEC/15  
PROJECT LEADER : S. MCALLISTER  
LOCATION : HEDLEY AU CRMP

COLLAR AZIMUTH : 77.00  
COLLAR DIP : -65.00  
COLLAR ELEVATION : 1680.00  
COLLAR NORTHING : -3745.00  
COLLAR EASTING : -175.00  
TOTAL LENGTH : 187.76 M

SCALE : 1:100





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 ИСХ. 100

Chevron Minerals Ltd.  
SIMILKAMEEN  
DRILLHOLE 588DH008  
PROJECT ID : M579

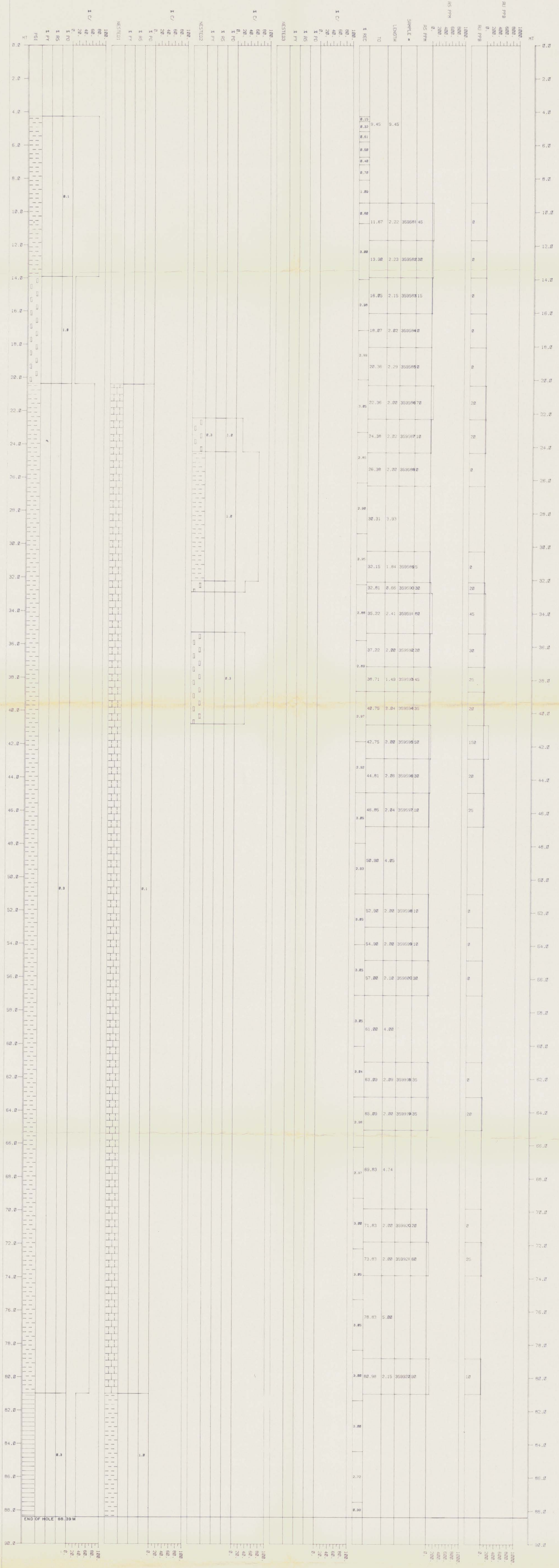
MONTELLO OPTION

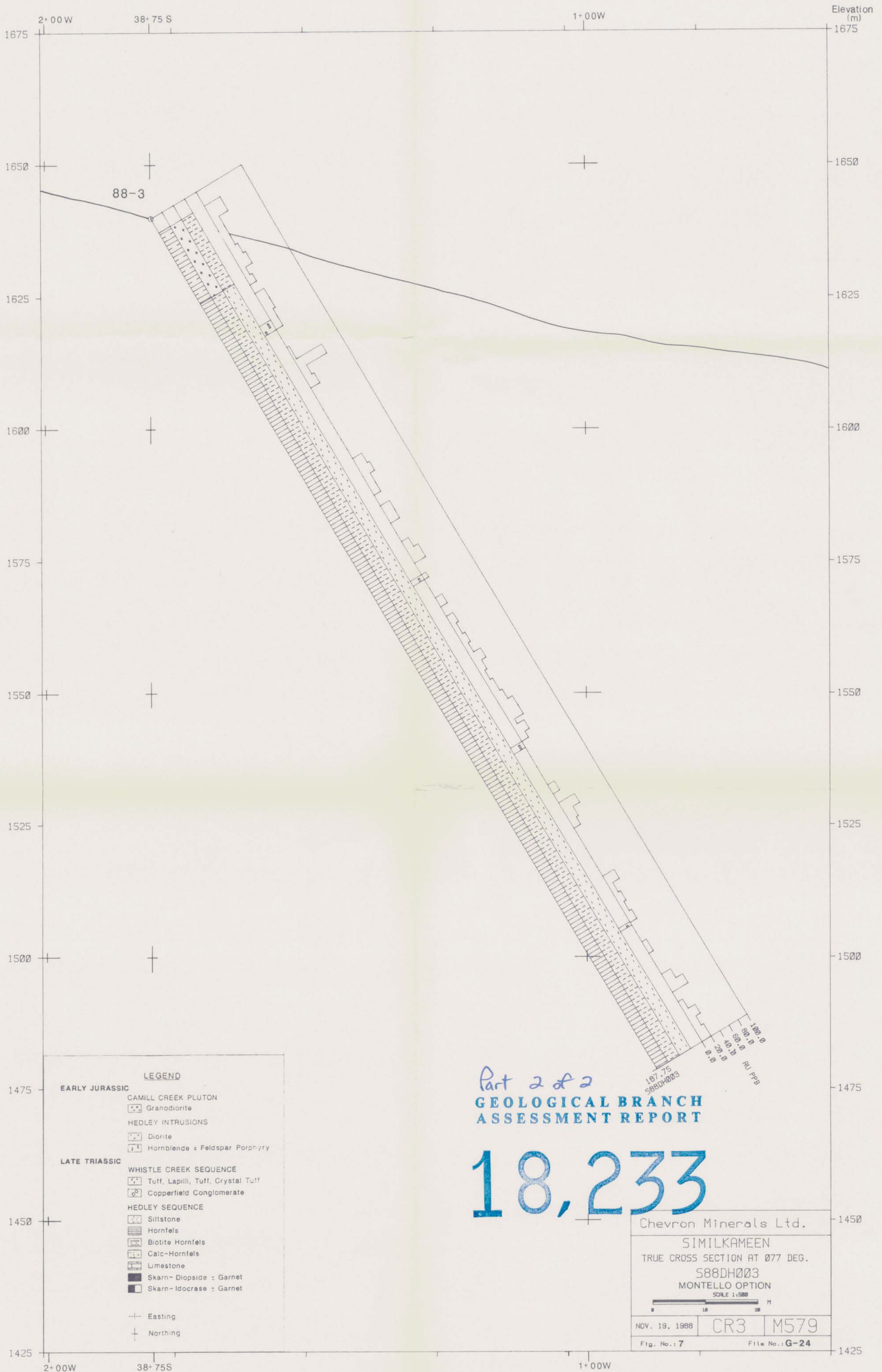
Part 2 of 2  
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

HOLE / TRAVERSE ID : 588DH008  
CORE HOLE SIZE : NQ  
DATE STARTED : 08/10/14  
DATE COMPLETED : 08/10/16  
GEOLOGGED BY : DDD  
PLOT DATE : 08/DEC/14  
PROJECT LEADER : S. MCALLISTER  
LOCATION : HEDLEY AU CAMP

COLLAR AZIMUTH : 55.00  
COLLAR DIP : -50.00  
COLLAR ELEVATION : 1686.00  
COLLAR NORTHING : -3652.00  
COLLAR EASTING : -113.00  
TOTAL LENGTH : 88.39M

18,233 SCALE 1:100





88-3

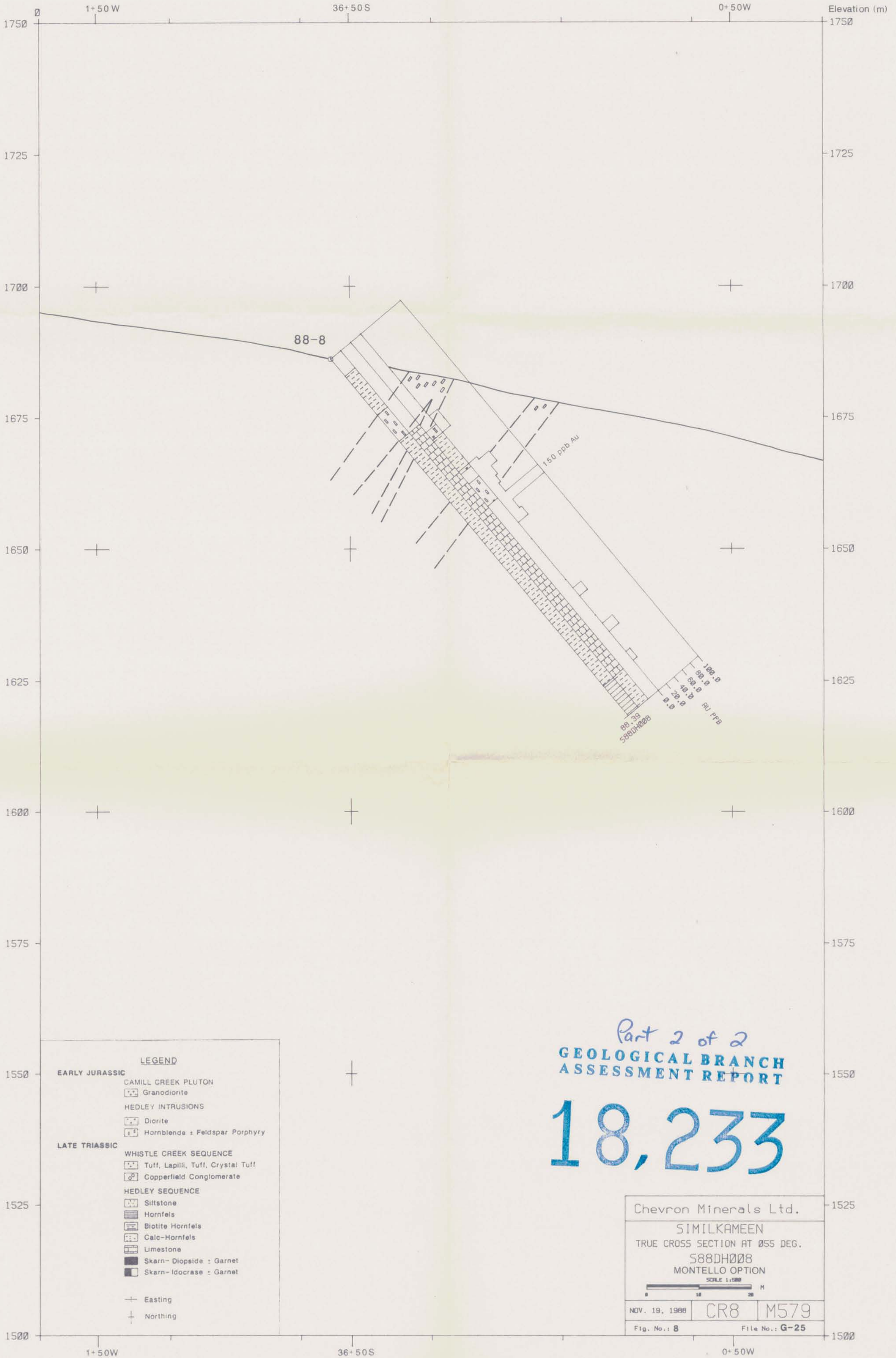
Part 2 of 2  
**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**18,233**

LEGEND	
<b>EARLY JURASSIC</b>	
CAMILL CREEK PLUTON	Granodiorite
HEDLEY INTRUSIONS	Diorite
	Hornblende + Feldspar Porphyry
<b>LATE TRIASSIC</b>	
WHISTLE CREEK SEQUENCE	Tuff, Lapilli, Tuff, Crystal Tuff
	Copperfield Conglomerate
HEDLEY SEQUENCE	Siltstone
	Hornfels
	Biotite Hornfels
	Calc-Hornfels
	Limestone
	Skarn-Diopside + Garnet
	Skarn-Idocrase + Garnet
	+ Easting
	+ Northing

Chevron Minerals Ltd.		
SIMILKAMEEN		
TRUE CROSS SECTION AT 077 DEG.		
S88DH003		
MONTELLO OPTION		
SCALE 1:500		
NOV. 19, 1988	CR3	M579
Fig. No.: 7	File No.: G-24	





**LEGEND**

**EARLY JURASSIC**

CAMILL CREEK PLUTON  
 Grandiorite

**HEDLEY INTRUSIONS**

Diorite  
 Hornblende ± Feldspar Porphyry

**LATE TRIASSIC**

**WHISTLE CREEK SEQUENCE**

Tuff, Lapilli, Tuff, Crystal Tuff  
 Copperfield Conglomerate

**HEDLEY SEQUENCE**

Siltstone  
 Hornfels  
 Biotite Hornfels  
 Calc-Hornfels  
 Limestone  
 Skarn-Diopside ± Garnet  
 Skarn-Idocrase ± Garnet

+ Easting  
 + Northing

Chevron Minerals Ltd.  
SIMILKAMEEN  
DRILLHOLE 588DH003  
PROJECT ID: M579

MONTELLO OPTION

Part 2 of 2  
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

HOLE / TRAVERSE ID : 588DH003  
CORE HOLE SIZE : NQ  
DATE STARTED : 08/09/29  
DATE COMPLETED : 08/10/03  
GEOLOGGED BY : JDD  
PLOT DATE : 08/05/15  
PROJECT LEADER : S. HOELLISTER  
LOCATION : HEDLEY RU CAMP

COLLAR AZIMUTH : 177.00  
COLLAR DIP : 1.00  
COLLAR ELEVATION : 1840.00  
COLLAR NORTHING : 13895.00  
COLLAR EASTING : 1175.00  
TOTAL LENGTH : 187.75 M

18,233  
SCALE 1:100

