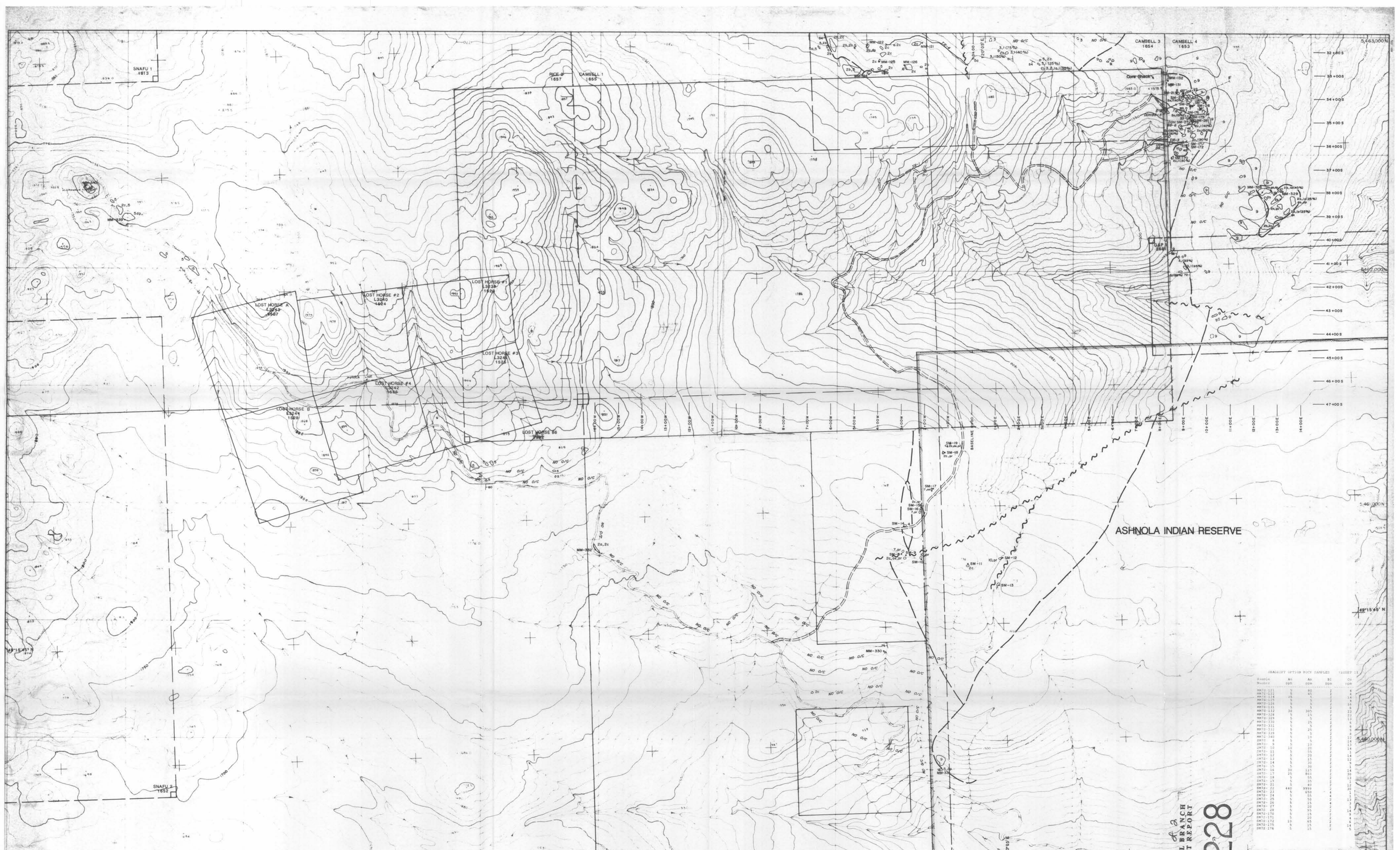


18228

Part 2
of 2



LEGEND

- | | | | |
|--|---|--|---|
| <p>UNCERTAIN AGE</p> <ul style="list-style-type: none"> □ Quartz Feldspar Porphyry □ Feldspar Porphyry □ Diorite <p>MIDDLE TO LOWER JURASSIC</p> <ul style="list-style-type: none"> □ Cabell Creek Pluton □ Gneiss □ Apatite <p>MIDDLE JURASSIC</p> <ul style="list-style-type: none"> □ Hedley Intrusions □ Hornblende Feldspar Porphyry □ Hornblende Porphyry | <p>LATE TRIASSIC</p> <ul style="list-style-type: none"> □ Whistler Sequence □ Tuff □ Lepilli Tuff □ Crystal Tuff □ Tuffaceous Siltstone □ Copperfield Conglomerate <p>Hedley Sequence</p> <ul style="list-style-type: none"> □ Siltstone □ Argillite □ Hornfels □ Biotite Hornfels □ Calc - Hornfels □ Limestone □ Marble □ Skarn | <p>SYMBOLS</p> <ul style="list-style-type: none"> • Rock Sample ○ Outcrop ○ Float — Fault — Bedding — Fracture — Trench ○ Diamond Drill Hole — Cross Section Line — Fault Anticline — Geological Contact: known — inferred | <p>ABBREVIATIONS</p> <ul style="list-style-type: none"> as arsenopyrite dp diopside ga garnet ht hornfelsed ld idocrase py pyrite wo wolastonite |
|--|---|--|---|

18228
 GEOLOGICAL BRANCH
 ASSESSMENT REPORT

SEADRIFT OPTION	NO. SAMPLES	SHEET 11
SM-1	5	11
SM-2	5	11
SM-3	5	11
SM-4	5	11
SM-5	5	11
SM-6	5	11
SM-7	5	11
SM-8	5	11
SM-9	5	11
SM-10	5	11
SM-11	5	11
SM-12	5	11
SM-13	5	11
SM-14	5	11
SM-15	5	11
SM-16	5	11
SM-17	5	11
SM-18	5	11
SM-19	5	11
SM-20	5	11
SM-21	5	11
SM-22	5	11
SM-23	5	11
SM-24	5	11
SM-25	5	11
SM-26	5	11
SM-27	5	11
SM-28	5	11
SM-29	5	11
SM-30	5	11
SM-31	5	11
SM-32	5	11
SM-33	5	11
SM-34	5	11
SM-35	5	11
SM-36	5	11
SM-37	5	11
SM-38	5	11
SM-39	5	11
SM-40	5	11
SM-41	5	11
SM-42	5	11
SM-43	5	11
SM-44	5	11
SM-45	5	11
SM-46	5	11
SM-47	5	11
SM-48	5	11
SM-49	5	11
SM-50	5	11
SM-51	5	11
SM-52	5	11
SM-53	5	11
SM-54	5	11
SM-55	5	11
SM-56	5	11
SM-57	5	11
SM-58	5	11
SM-59	5	11
SM-60	5	11
SM-61	5	11
SM-62	5	11
SM-63	5	11
SM-64	5	11
SM-65	5	11
SM-66	5	11
SM-67	5	11
SM-68	5	11
SM-69	5	11
SM-70	5	11
SM-71	5	11
SM-72	5	11
SM-73	5	11
SM-74	5	11
SM-75	5	11
SM-76	5	11
SM-77	5	11
SM-78	5	11
SM-79	5	11
SM-80	5	11
SM-81	5	11
SM-82	5	11
SM-83	5	11
SM-84	5	11
SM-85	5	11
SM-86	5	11
SM-87	5	11
SM-88	5	11
SM-89	5	11
SM-90	5	11
SM-91	5	11
SM-92	5	11
SM-93	5	11
SM-94	5	11
SM-95	5	11
SM-96	5	11
SM-97	5	11
SM-98	5	11
SM-99	5	11
SM-100	5	11

Chevron Canada Resources Limited
Minerals Staff

18228
SIMILKAMEEN
GEOLOGY AND ROCK
GEOCHEMISTRY
SEADRIFT OPTION

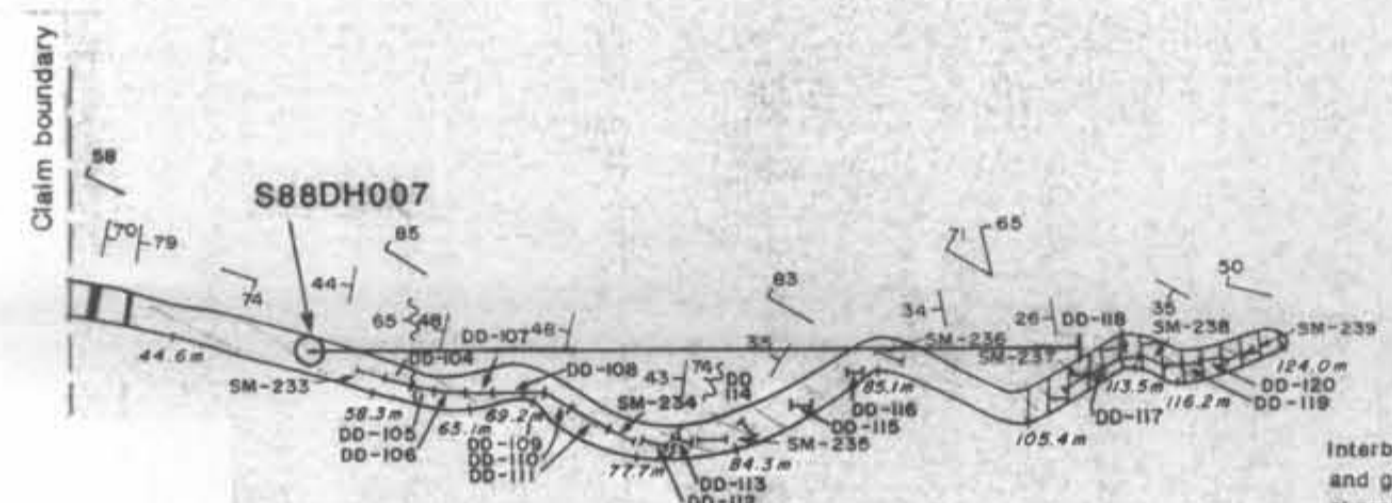
SCALE 1:5000
 0 250 500 m
 DRAWN BY: EAGLE MAPPING SERVICES LTD (BY 39)
 COMPILER: FROM 1979 AIR PHOTOS
 SHEET 1 OF 3

FIGURE No 3	PROJECT No M-579
SHEET 1 OF 3	SCALE 1:5000
FILE No G-12	

S88DH006

36+00 S

37+00 S



Interbedded light grey calc-hornfels (50%), rusty weathered black hornfels (30%) and grey limestone (20%); thinly bedded, 1cm wide shear zone at 60.7m
70% pervasive calcic alteration of calc-hornfels, 1% disseminated pyrite (56.3-78.0m)

Interbedded light green grey calc-hornfels (60%) and grey limestone (40%); lightly fractured, thinly bedded 0.1% disseminated diopside, 0.3% disseminated pyrite, 80% pervasive calcic alteration of calc-hornfels (78.0-105.0m)

Interbedded light grey calc-hornfels (20%) and grey limestone (80%); zones of weak skarning at 113.5-115.5m and 120.0-122.0m with disseminated diopside and blebs of idocrase
1% disseminated pyrite and 70% pervasive calcic alteration in calc-hornfels (105.0-124.0m)

LEGEND

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

1988 TRENCH SAMPLE RESULTS

SAMPLE NUMBER	WIDTH (m)	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm
DD8S-104	1.8	5.	0.2	10.	2.	3.
DD8S-105	1.4	10.	0.2	<5.	2.	5.
DD8S-106	2.2	<5.	0.2	10.	2.	4.
DD8S-107	1.9	15.	0.6	5.	2.	5.
DD8S-108	1.8	10.	0.2	5.	2.	2.
DD8S-109	1.25	5.	0.2	10.	2.	8.
DD8S-110	1.8	15.	0.4	10.	2.	2.
DD8S-111	2.5	15.	0.2	30.	2.	6.
DD8S-112	1.7	10.	0.6	10.	2.	6.
DD8S-113	1.2	40.	0.8	120.	2.	9.
DD8S-114	1.3	15.	0.2	<5.	2.	6.
DD8S-115	1.3	50.	0.2	140.	2.	5.
DD8S-116	1.5	20.	0.2	5.	2.	4.
DD8S-117	2.2	40.	0.2	35.	2.	3.
DD8S-118	1.2	25.	0.2	25.	2.	3.
DD8S-119	1.6	10.	0.2	45.	2.	2.
DD8S-120	1.6	25.	0.2	65.	4.	5.

SIMILKAMEEN TRENCH S87TR003 SAMPLES Seadrift Option

Sample Number	Length (m)	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm
SM7S-233	2.0	<5.	0.2	20.	4.	5.
SM7S-234	2.0	40.	0.2	10.	<2.	8.
SM7S-235	2.0	95.	0.2	150.	<2.	6.
SM7S-236	2.0	30.	0.2	25.	<2.	6.
SM7S-237	2.0	20.	0.2	65.	2.	2.
SM7S-238	2.0	60.	0.2	60.	4.	4.
SM7S-239	2.0	30.	0.2	95.	<2.	4.

Part 2 of 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,228

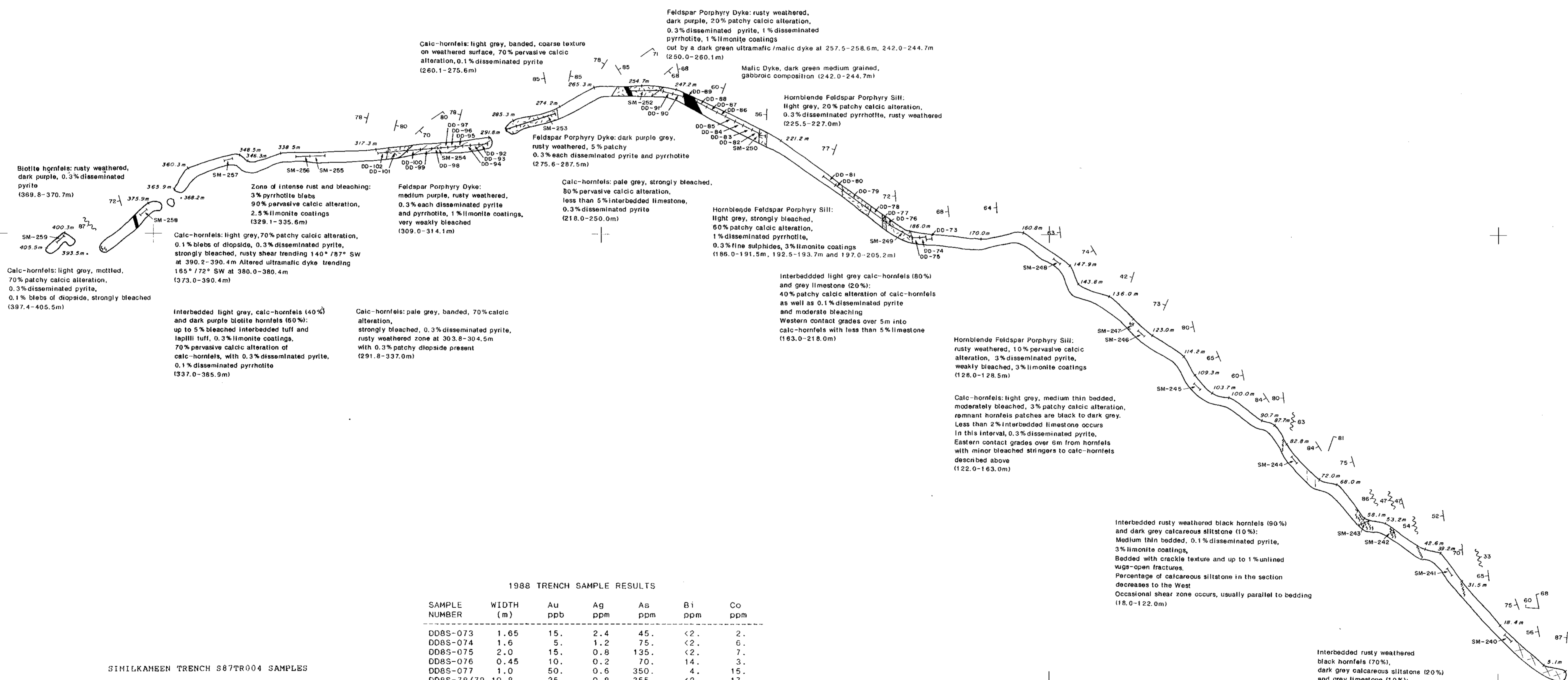


Chevron Canada Resources Limited
Minerals Staff

**SIMILKAMEEN CLAIMS
TRENCH S87TR003
(CAMSELL 3 & 4 CLAIMS)
SEADRIFT OPTION**

FIGURE No 4	PROJECT No M-579
DATE OCT.1987	REVISIONS
NTS No 92H/SE	DD OCT.1988
COMPILED BY SM	FILE No G-15

SCALE 1:500



LEGEND

- 40 Bedding
- 60 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

18,228

1988 TRENCH SAMPLE RESULTS

SAMPLE NUMBER	WIDTH (m)	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm
DDBS-073	1.65	15.	2.4	45.	<2.	2.
DDBS-074	1.6	5.	1.2	75.	<2.	6.
DDBS-075	2.0	15.	0.8	135.	<2.	7.
DDBS-076	0.45	10.	0.2	70.	14.	3.
DDBS-077	1.0	50.	0.6	350.	4.	15.
DDBS-78/79	10.8	25.	0.8	355.	<2.	17.
DDBS-080	2.0	5.	0.6	75.	2.	6.
DDBS-081	3.1	5.	0.4	100.	4.	7.
DDBS-082	1.7	10.	0.4	125.	4.	5.
DDBS-083	2.0	10.	0.2	115.	2.	4.
DDBS-084	1.9	35.	0.4	145.	<2.	8.
DDBS-085	2.2	20.	0.4	85.	4.	4.
DDBS-086	2.0	20.	0.6	110.	<2.	8.
DDBS-087	2.3	25.	0.4	75.	2.	5.
DDBS-088	2.5	40.	1.2	140.	2.	8.
DDBS-089	2.6	<5.	0.2	<5.	<2.	23.
DDBS-090	2.4	15.	1.4	95.	6.	6.
DDBS-091	1.9	15.	0.8	155.	<2.	10.
DDBS-092	1.8	<5.	0.8	115.	2.	8.
DDBS-093	1.7	15.	0.4	135.	2.	16.
DDBS-094	1.7	10.	0.4	140.	<2.	8.
DDBS-095	1.7	20.	0.6	140.	4.	9.
DDBS-096	1.7	10.	0.6	20.	<2.	8.
DDBS-097	1.8	25.	0.8	45.	2.	9.
DDBS-098	1.85	35.	0.8	80.	4.	6.
DDBS-099	2.3	15.	0.6	70.	4.	6.
DDBS-100	2.45	35.	0.4	50.	4.	5.
DDBS-101	4.9	<5.	0.2	5.	<2.	16.
DDBS-102	2.0	10.	1.0	65.	2.	7.

SIMILKAMEEN TRENCH S87TR004 SAMPLES

Sample Number	Length (m)	Au ppb	Ag ppm	As ppm	Bi ppm	Co ppm
SM7S-240	2.0	45.	0.2	5.	<2.	5.
SM7S-241	2.0	<5.	0.2	20.	<2.	9.
SM7S-242	0.7	<5.	0.2	55.	2.	10.
SM7S-243	2.3	10.	0.2	25.	<2.	10.
SM7S-244	2.0	<5.	1.4	<5.	<2.	7.
SM7S-245	2.0	<5.	0.2	10.	<2.	6.
SM7S-246	2.0	<5.	0.2	105.	<2.	9.
SM7S-247	0.5	15.	1.2	35.	<2.	26.
SM7S-248	2.0	5.	0.2	35.	<2.	4.
SM7S-249	5.5	115.	0.2	45.	<2.	12.
SM7S-250	1.5	<5.	0.2	20.	2.	13.
SM7S-251	2.0	90.	0.6	120.	2.	7.
SM7S-252	7.5	<5.	0.2	10.	4.	16.
SM7S-253	11.9	<5.	0.2	5.	2.	16.
SM7S-254	0.7	65.	0.6	70.	<2.	9.
SM7S-255	3.2	<5.	0.2	55.	<2.	21.
SM7S-256	3.3	5.	0.2	115.	<2.	20.
SM7S-257	2.0	<5.	0.2	15.	6.	22.
SM7S-258	2.0	20.	0.6	30.	2.	11.
SM7S-259	2.0	5.	0.2	155.	2.	8.

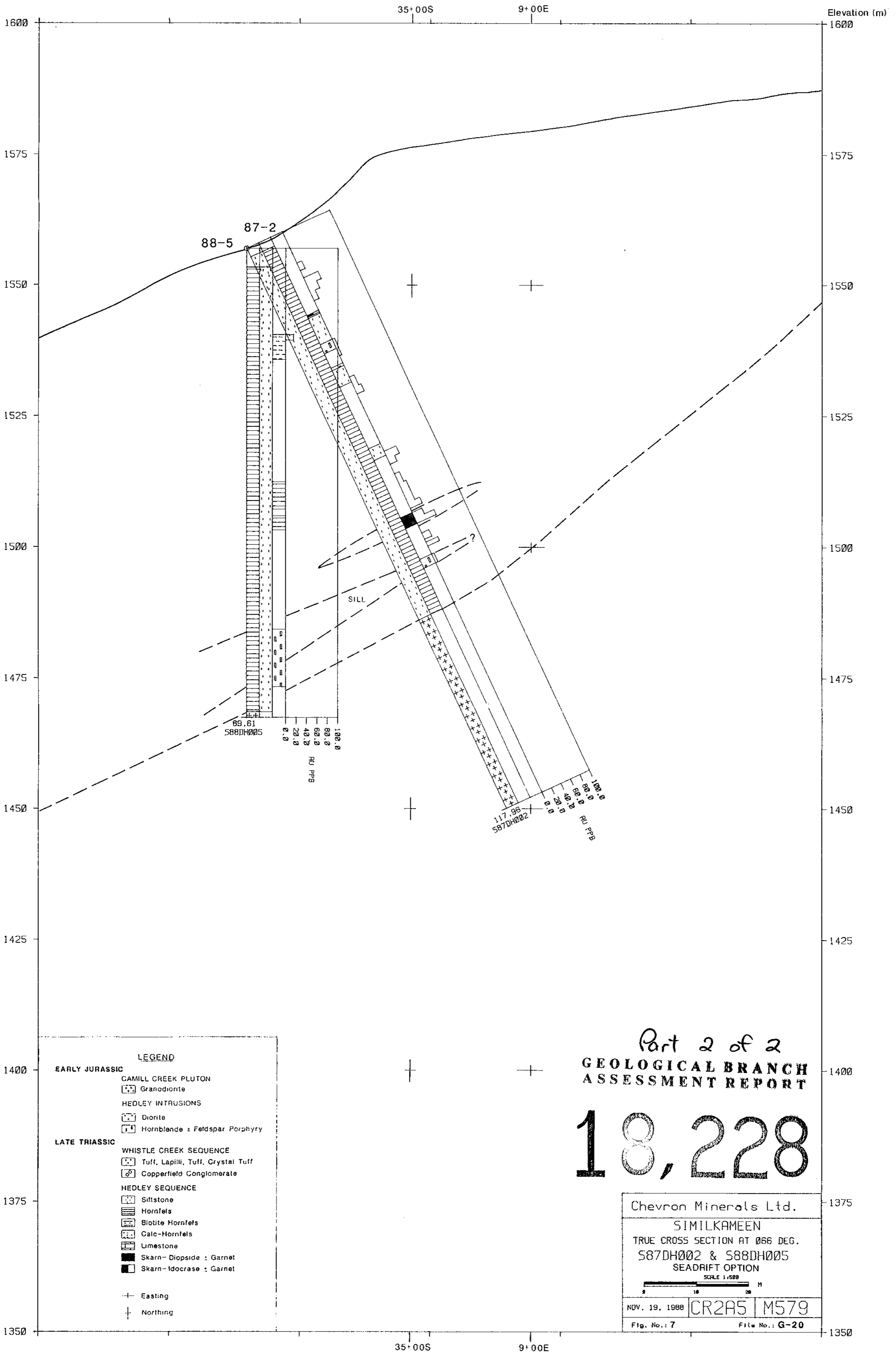
Chevron Canada Resources Limited
Minerals Staff

SIMILKAMEEN CLAIMS

TRENCH S87TR004
(CAMSELL 3 CLAIM)
SEADRIFT OPTION

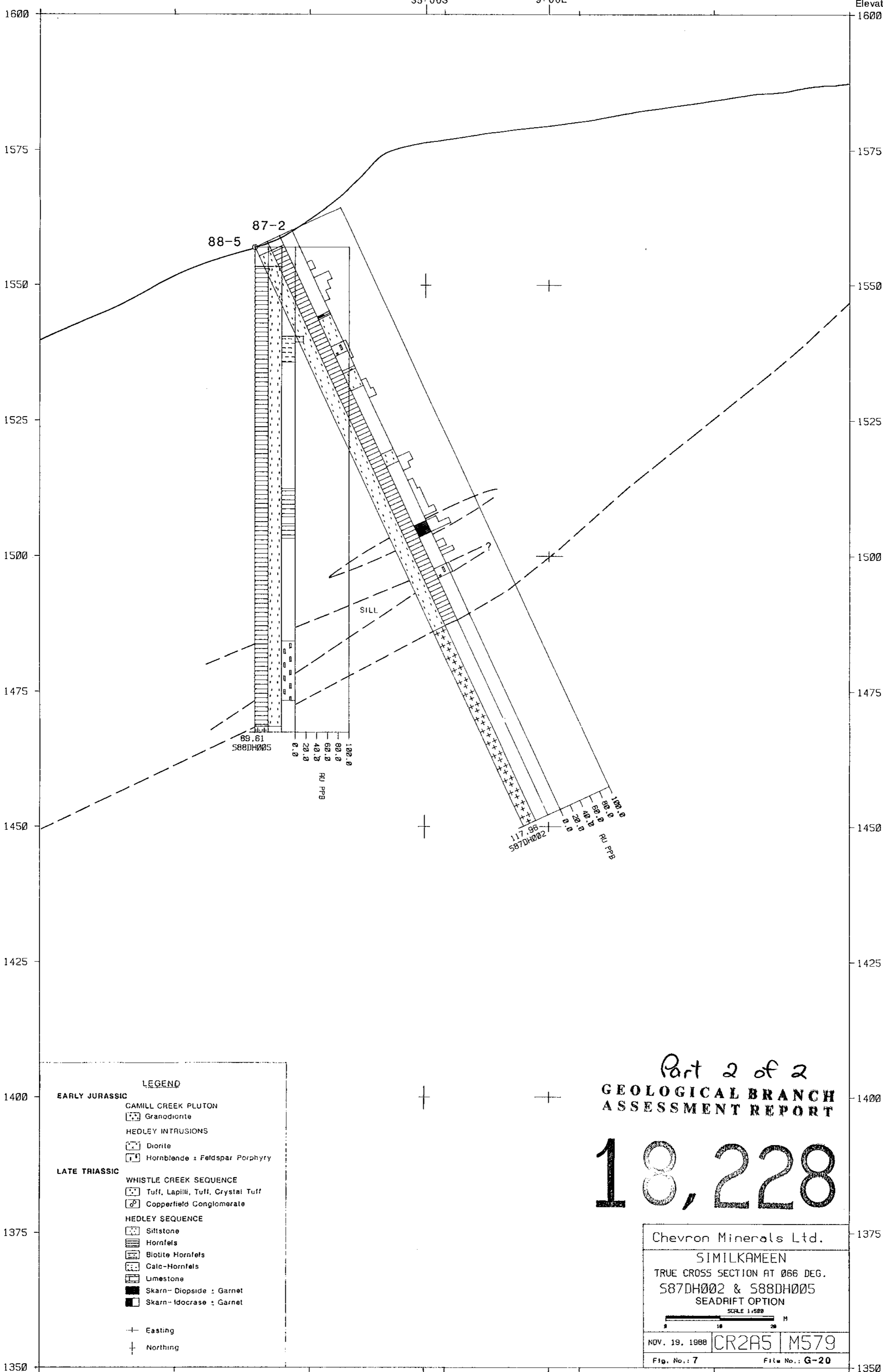
FIGURE No 5 PROJECT No M-579

DATE OCT 1987	REVISIONS	SCALE 1:500
NTS No 92H/8E	DD OCT 1988	FILE No
COMPILED BY SM		G-7



35+00S 9+00E

Elevation (m)



LEGEND

EARLY JURASSIC

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

LATE TRIASSIC

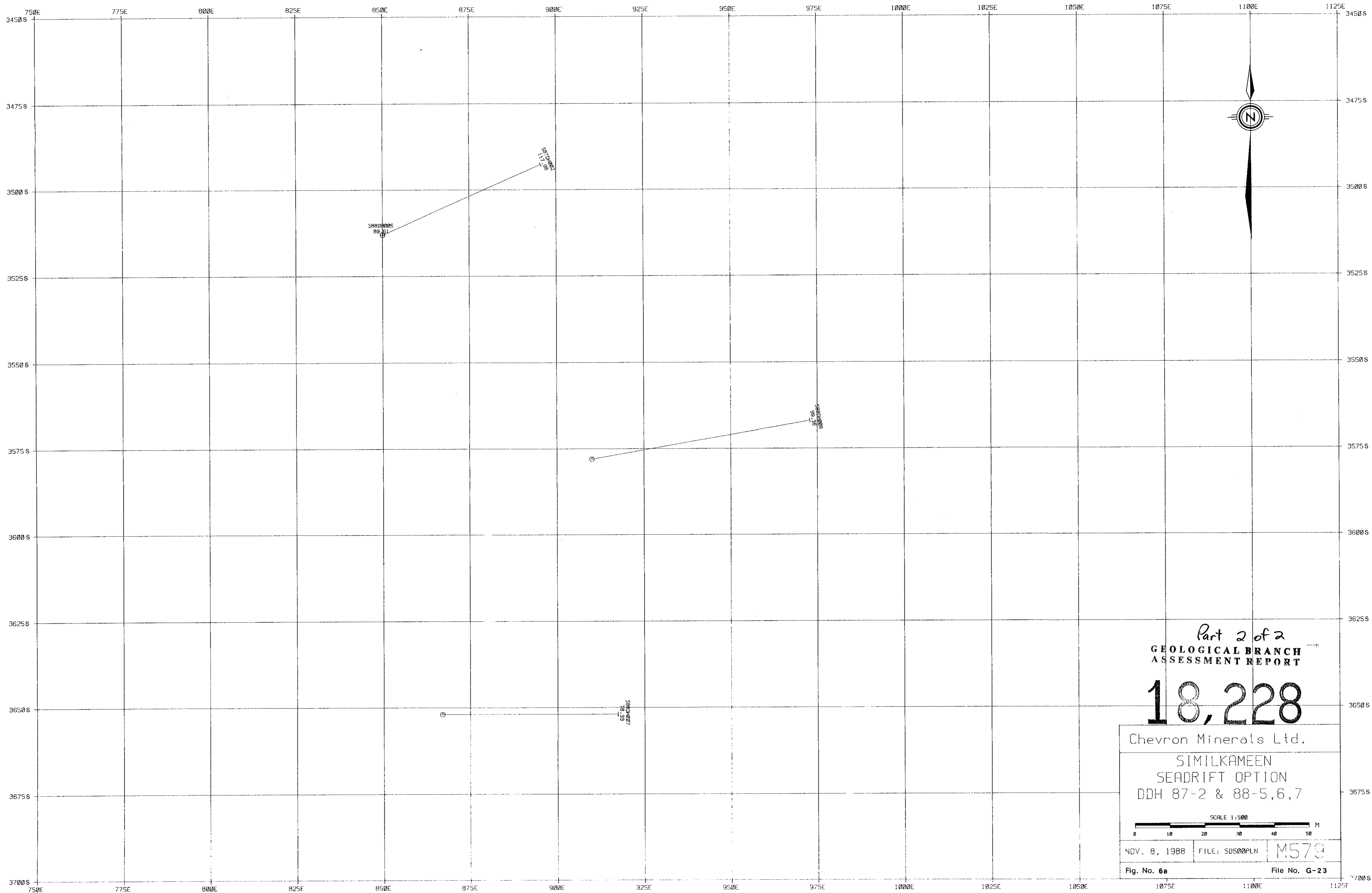
- WHISTLE CREEK SEQUENCE
 - Tuff, Lapilli, Tuff, Crystal Tuff
 - Copperfield Conglomerate
- HEDLEY SEQUENCE
 - Siltstone
 - Hornfels
 - Biotite Hornfels
 - Calc-Hornfels
 - Limestone
 - Skarn-Diopside ± Garnet
 - Skarn-Idocrase ± Garnet

+ Easting
 † Northing

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

18,228

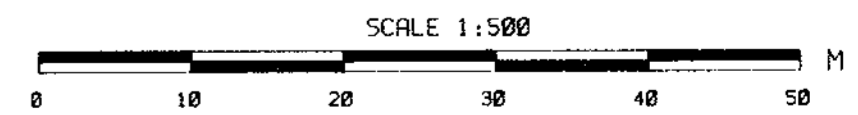
Chevron Minerals Ltd.		
SIMILKAMEEN		
TRUE CROSS SECTION AT 066 DEG.		
587DH002 & 588DH005		
SEADRIFT OPTION		
SCALE 1:500		
NOV. 19, 1988	CR2A5	M579
Fig. No.: 7	File No.: G-20	



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

18,228

Chevron Minerals Ltd.
 SIMILKAMEEN
 SEADRIFT OPTION
 DDH 87-2 & 88-5,6,7



NOV. 8, 1988	FILE: SD500PLN	M573
Fig. No. 6a	File No. G-23	

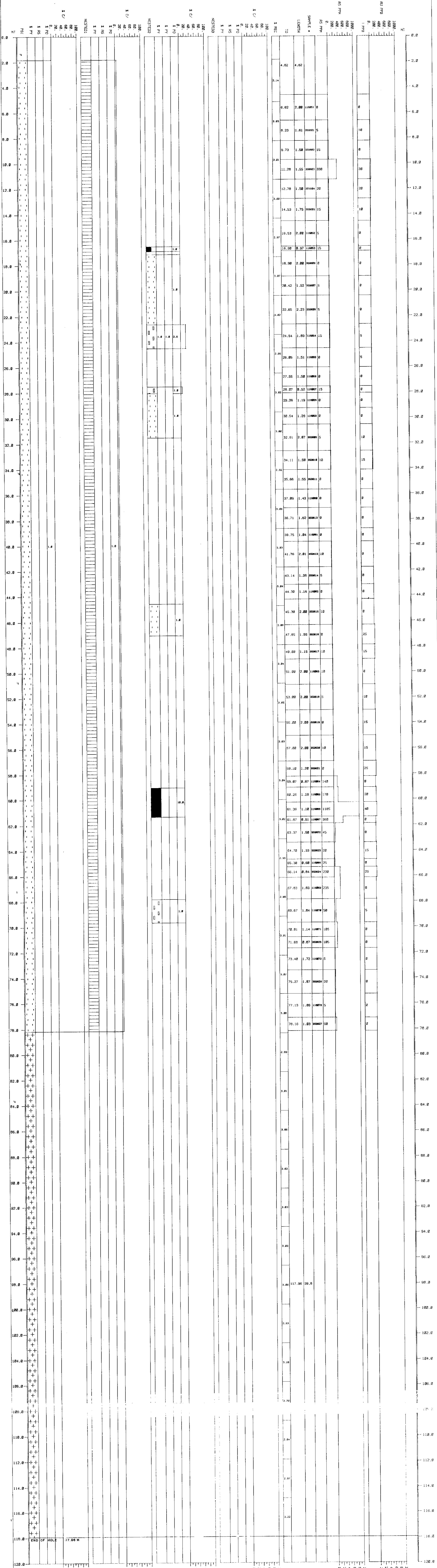
Chevron Minerals Ltd.
SIMILKAMEEN
DRILLHOLE S87DH002
PROJECT ID : M579

SEADRIFT OPTION
Part 2 of 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT

HOLE / TRAVERSE ID : S87DH002
CORE HOLE SIZE : NQ
DATE STARTED : 87/10/12
DATE COMPLETED : 87/10/14
GEOLOGED BY : SGM
PLOT DATE : 88/DEC/15
PROJECT LEADER : S. MCALLISTER
LOCATION : HEDLEY AU CAMP

COLLAR AZIMUTH : 66.00
COLLAR DIP : -85.00
COLLAR ELEVATION : 1557.00
COLLAR NORTHING : 3513.00
COLLAR EASTING : 850.00
TOTAL LENGTH : 117.96 M

18,228
SCALE 1:1000



END OF HOLE 117.96 M

Chevron Minerals Ltd.
SIMILKAMEEN
DRILLHOLE S88DH005
PROJECT ID : M579

SEADRIFT OPTION
Part 2 of 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT

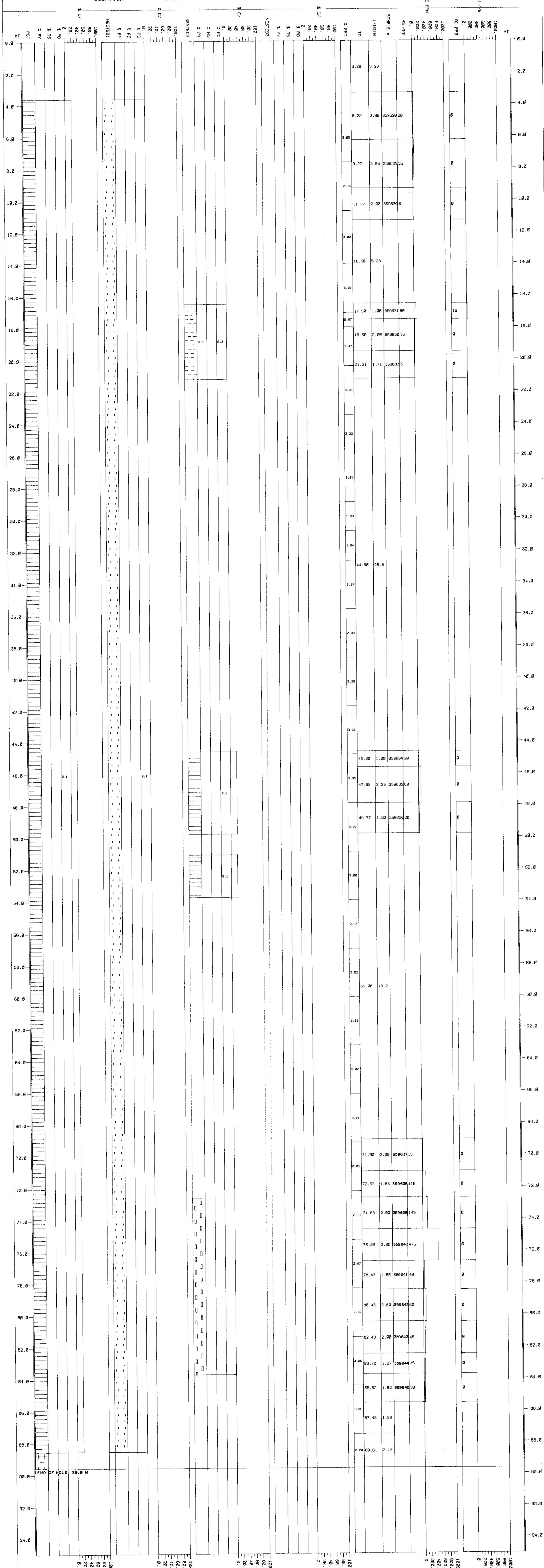
HOLE / TRAVERSE ID : S88DH005
CORE HOLE SIZE : NQ
DATE STARTED : 88/10/9
DATE COMPLETED : 88/10/11
GEOLOGGED BY : DDD
PLOT DATE : 88/DEC/14
PROJECT LEADER : S. MCALLISTER
LOCATION : HEDLEY AU CAMP

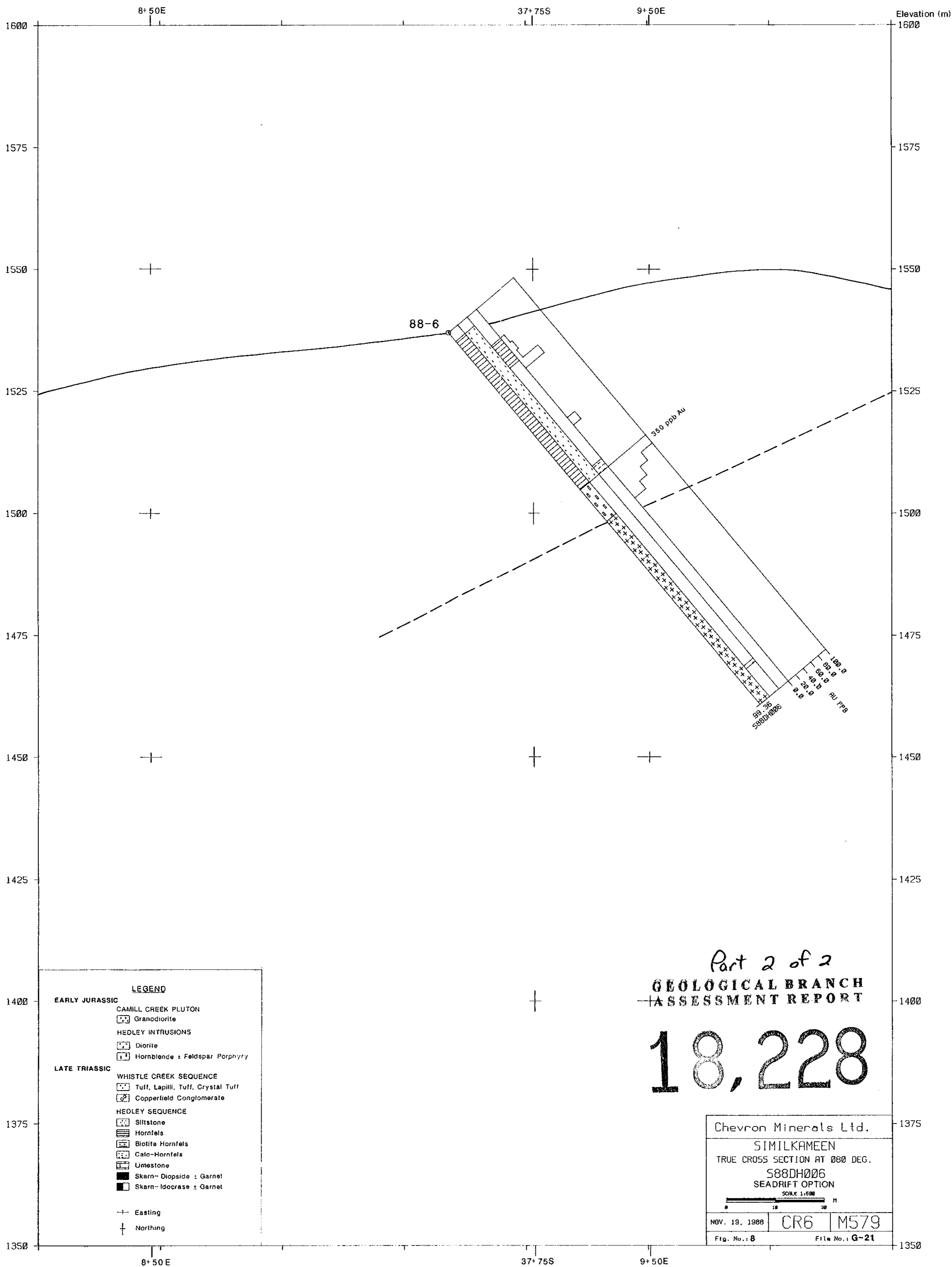
COLLAR AZIMUTH : 0.00
COLLAR DIP : -90.00
COLLAR ELEVATION : 1557.00
COLLAR NORTHING : 3513.00
COLLAR EASTING : 852.00

18,228

TOTAL LENGTH : 89.61 M

SCALE: 1:100





Chevron Minerals Ltd.
SIMILKAMEEN
DRILLHOLE S88DH006
PROJECT ID : M579

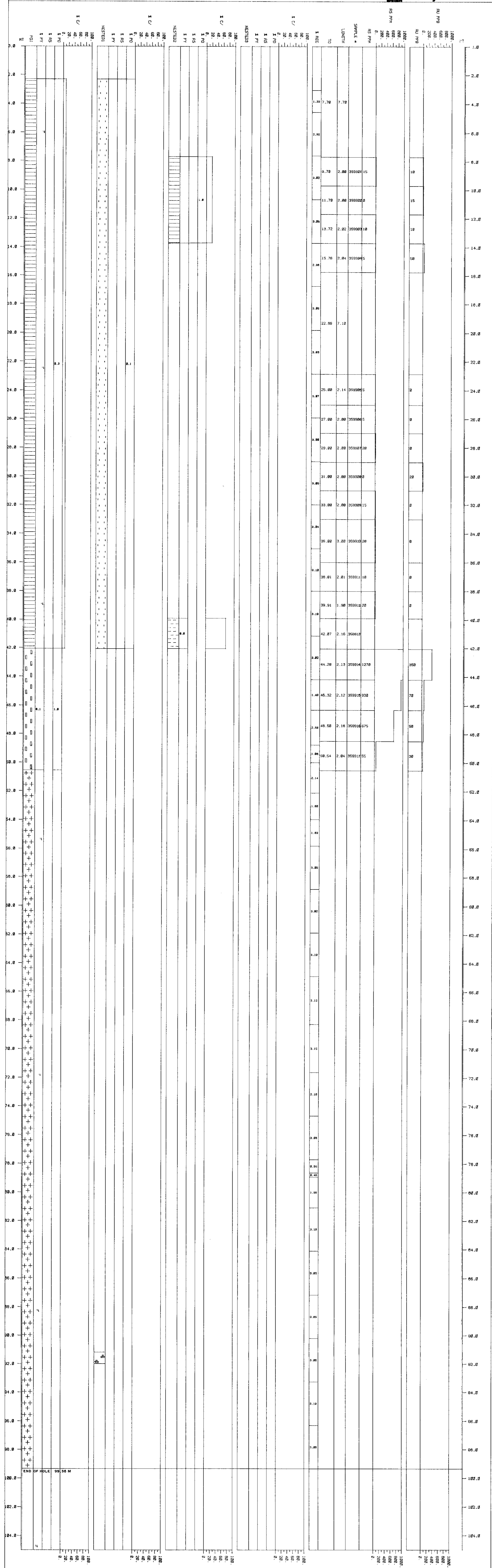
SEADRIFT OPTION
Part 2 of 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT

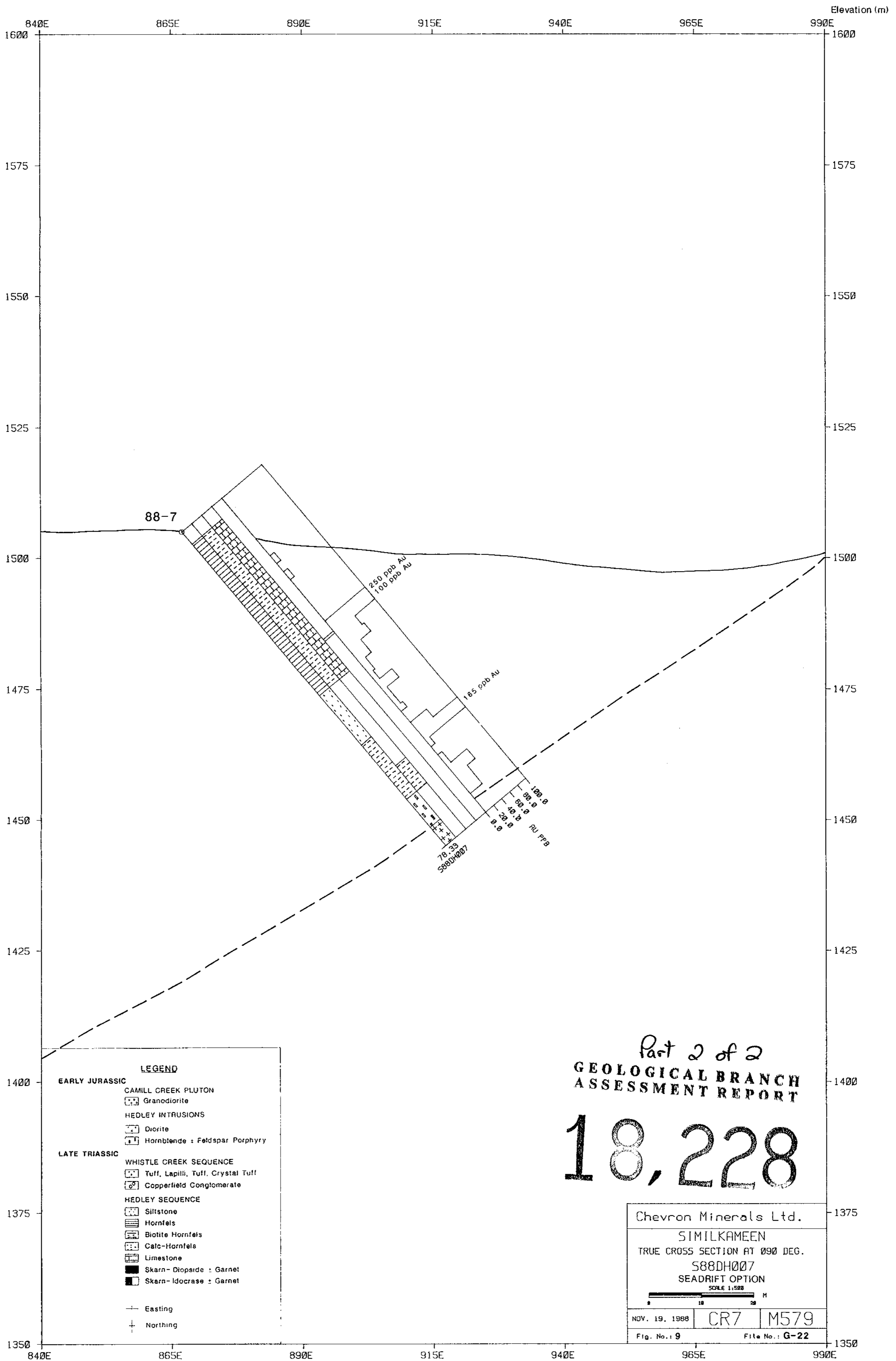
HOLE / TRAVERSE ID : S88DH006
CORE HOLE SIZE : NQ
DATE STARTED : 08/10/11
DATE COMPLETED : 08/10/12
GEOLOGGED BY : DDD
PLOT DATE : 08/DEC/14
PROJECT LEADER : S. MCALLISTER
LOCATION : HEDLEY AU CAMP

COLLAR AZIMUTH : 80.00
COLLAR DIP : -50.00
COLLAR ELEVATION : 1537.00
COLLAR NORTHING : -3578.00
COLLAR EASTING : 910.00

TOTAL LENGTH : 99.36 M

18.228





Chevron Minerals Ltd.
SIMILKAMEEN
DRILLHOLE 588DH007
PROJECT ID : M579

SEADRIFT OPTION

Part 2 of 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT

HOLE / TRAVERSE ID : 588DH007
CORE HOLE SIZE : NO
DATE STARTED : 08/10/13
DATE COMPLETED : 08/10/14
GEOLOGED BY : JJJ
PLOT DATE : 08/DEC/14
PROJECT LEADER : S. MCALLISTER
LOCATION : HEDLEY AU CAMP

COLLAR AZIMUTH : 90.00
COLLAR DIP : -50.00
COLLAR ELEVATION : 1505.00
COLLAR NORTHING : -3652.00
COLLAR EASTING : 867.00

TOTAL LENGTH : 78.33 M

18,228
SCALE 1:100

