

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON MIP-EXPO
LOCATED 50° 12' 17" N
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND

INTRUSIVE ROCKS:

- Granite
- Granite, Diorite, Gabbro, Quartz Monzonite
- Diorite
- Diorite (?) Breccia

VOLCANIC ROCKS

- DOMANZA VOLCANICS
(Includes all of Dept. volcanic rocks, except those of the series, volcanic)
- COMPLEX PORPHYRY BRECCIA
- SILICEOUS BRECCIA

Other symbols:

- Shear zone, staining, altered, possibly showing mineral deposits and alteration
- Fault, normal, strike, thrust, showing strike
- Flow boundary, showing strike
- Faulting, showing strike
- Boundary of bedding, schistosity, internal structure
- Geological contact
- Creek, intermittent
- Creek, with defined channel
- Road, stream, unimproved
- Quarry

Topographic contours:

- 0-600: 100' contour interval
- 600-1000: 200' contour interval
- 1000-1500: 300' contour interval
- 1500-2000: 400' contour interval
- 2000-2500: 500' contour interval
- 2500-3000: 600' contour interval
- 3000-3500: 700' contour interval
- 3500-4000: 800' contour interval
- 4000-4500: 900' contour interval
- 4500-5000: 1000' contour interval

Geological Symbols:

- I - Granite, showing strike, irregular
- J - Granite, showing strike, irregular
- K - Diorite, showing strike, irregular

Section	1	2	3	4	5	6	7	8	9	10	11
A-1	B-1	C-1	D-1	E-1	F-1	G-1	H-1	I-1	J-1	K-1	L-1
A-2	B-2	C-2	D-2	E-2	F-2	G-2	H-2	I-2	J-2	K-2	L-2
A-3	B-3	C-3	D-3	E-3	F-3	G-3	H-3	I-3	J-3	K-3	L-3
A-4	B-4	C-4	D-4	E-4	F-4	G-4	H-4	I-4	J-4	K-4	L-4
A-5	B-5	C-5	D-5	E-5	F-5	G-5	H-5	I-5	J-5	K-5	L-5
A-6	B-6	C-6	D-6	E-6	F-6	G-6	H-6	I-6	J-6	K-6	L-6
A-7	B-7	C-7	D-7	E-7	F-7	G-7	H-7	I-7	J-7	K-7	L-7
A-8	B-8	C-8	D-8	E-8	F-8	G-8	H-8	I-8	J-8	K-8	L-8
A-9	B-9	C-9	D-9	E-9	F-9	G-9	H-9	I-9	J-9	K-9	L-9
A-10	B-10	C-10	D-10	E-10	F-10	G-10	H-10	I-10	J-10	K-10	L-10
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4754-M2

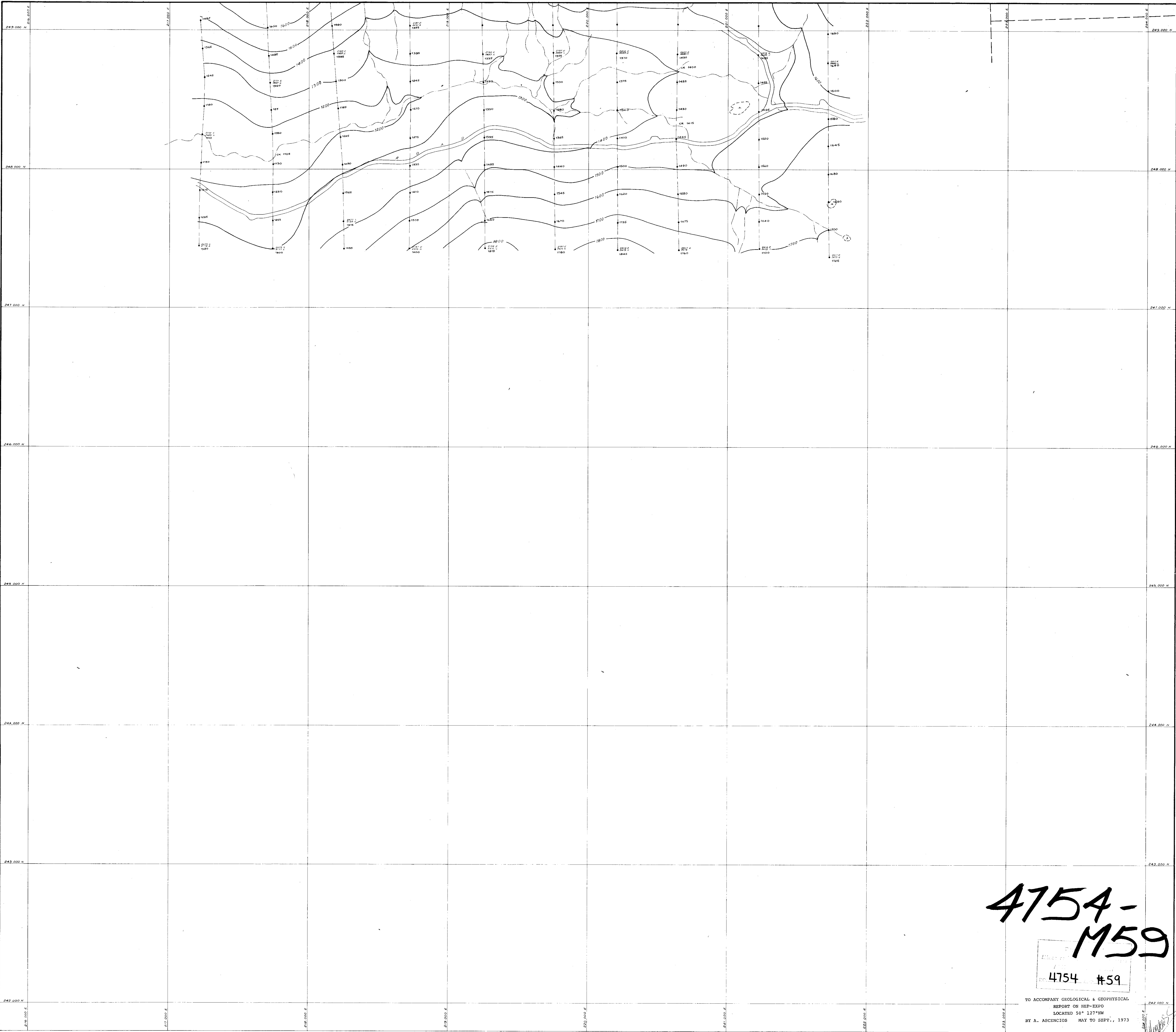
UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

4754 #2 EXPO GROUP
GEOLOGY MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Work by A. Ascencio Date: Oct. 1973 NTS Ref:
Drawn by C.A.E. Revised: MAP of F-G

Scale: 1:50,000



4754-M59

4754 #59

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HER-EXPO
LOCATED 50° 127' NW
BY A. ASCENCIOS MAY TO SEPT., 1973

LEGEND:

- MAJOR TOPOGRAPHIC CONTOUR (Interval 100 Feet)
- MINOR TOPOGRAPHIC CONTOUR (Interval 25 Feet)
- ROAD
- CREEK WIDTH DEFINED: Continuous Intermittent
- CREEK $10'$ Wide
- SWAMP
- SLIDES
- EXPO CLAIM BOUNDARY UNSURVEYED: Showing Claim Number And Claim Post
- SURVEYED-SHOWN SOLID LINE
- TRANSIT SURVEY HUBS
- 525 PICKET LINE: Showing Line And Station Designation & Elevation in Feet a.s.l.
- INCLINED DIAMOND DRILL HOLE: Showing Inclination And Total Depth
- VERTICAL DIAMOND DRILL HOLE: Showing Total Depth

826,000 E	827,000 E	828,000 E	829,000 E	830,000 E	831,000 E	832,000 E
A-1	A-2	A-3	A-4	A-5	A-6	A-7
B-1	B-2	B-3	B-4	B-5	B-6	B-7
C-1	C-2	C-3	C-4	C-5	C-6	C-7
D-1	D-2	D-3	D-4	D-5	D-6	D-7
E-1	E-2	E-3	E-4	E-5	E-6	E-7
F-1	F-2	F-3	F-4	F-5	F-6	F-7
G-1	G-2	G-3	G-4	G-5	G-6	G-7
H-1	H-2	H-3	H-4	H-5	H-6	H-7

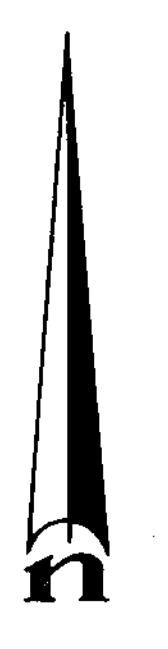


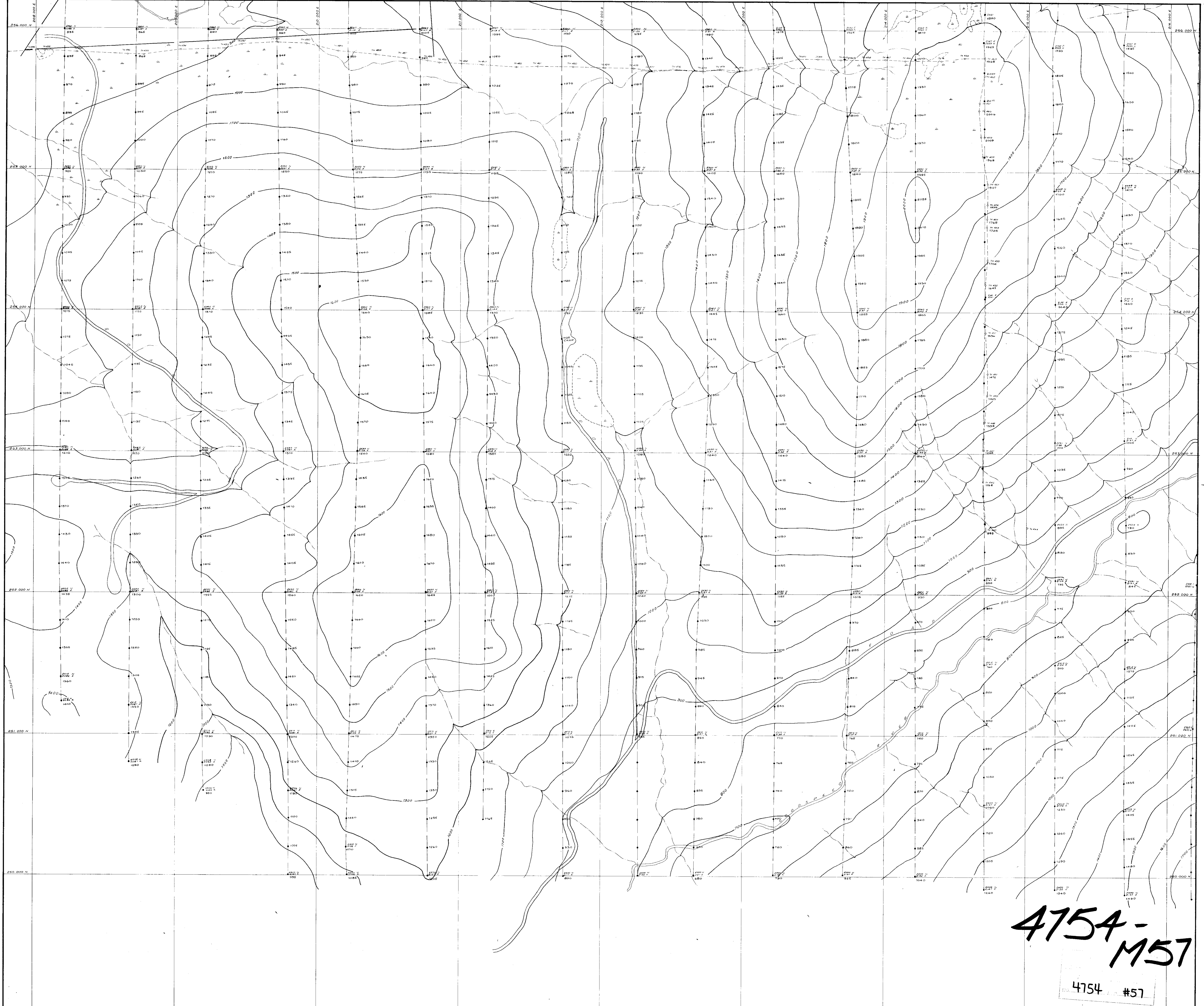
PLATE 59

UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

EXPO GROUP
TOPOGRAPHIC MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Work by: G.M. Date: November 1973 INTS Ref:
Drawn by: G.S., E.C. Revised: MAP of D-4
200 100 0 200 400 600
SCALE IN FEET



4754-M57

4754 #57

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 12' NW
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND:

- MAJOR TOPOGRAPHIC CONTOUR (Interval 100 Feet)
- MINOR TOPOGRAPHIC CONTOUR (Interval 25 Feet)
- ROAD
- CREEK WIDTH DEFINED: Continuous Intermittent
- CREEK <math>< 10'</math> wide
- SWMP
- SLIDES
- EXPO CLAIM BOUNDARY UNSURVEYED: Showing Claim Number And Claim Post
- SURVEYED-SHOWN SOLID LINE
- TRANSIT SURVEY HUBS
- PICKET LINE: Showing Line And Station Designation & Elevation In Feet a.s.l.
- INCLINED DIAMOND DRILL HOLE: Showing Inclination And Total Depth
- VERTICAL DIAMOND DRILL HOLE: Showing Total Depth

25000	25100	25200	25300	25400	25500	25600	25700	25800	25900	26000
A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

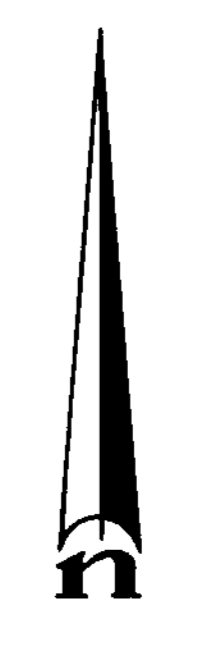


PLATE 57

UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

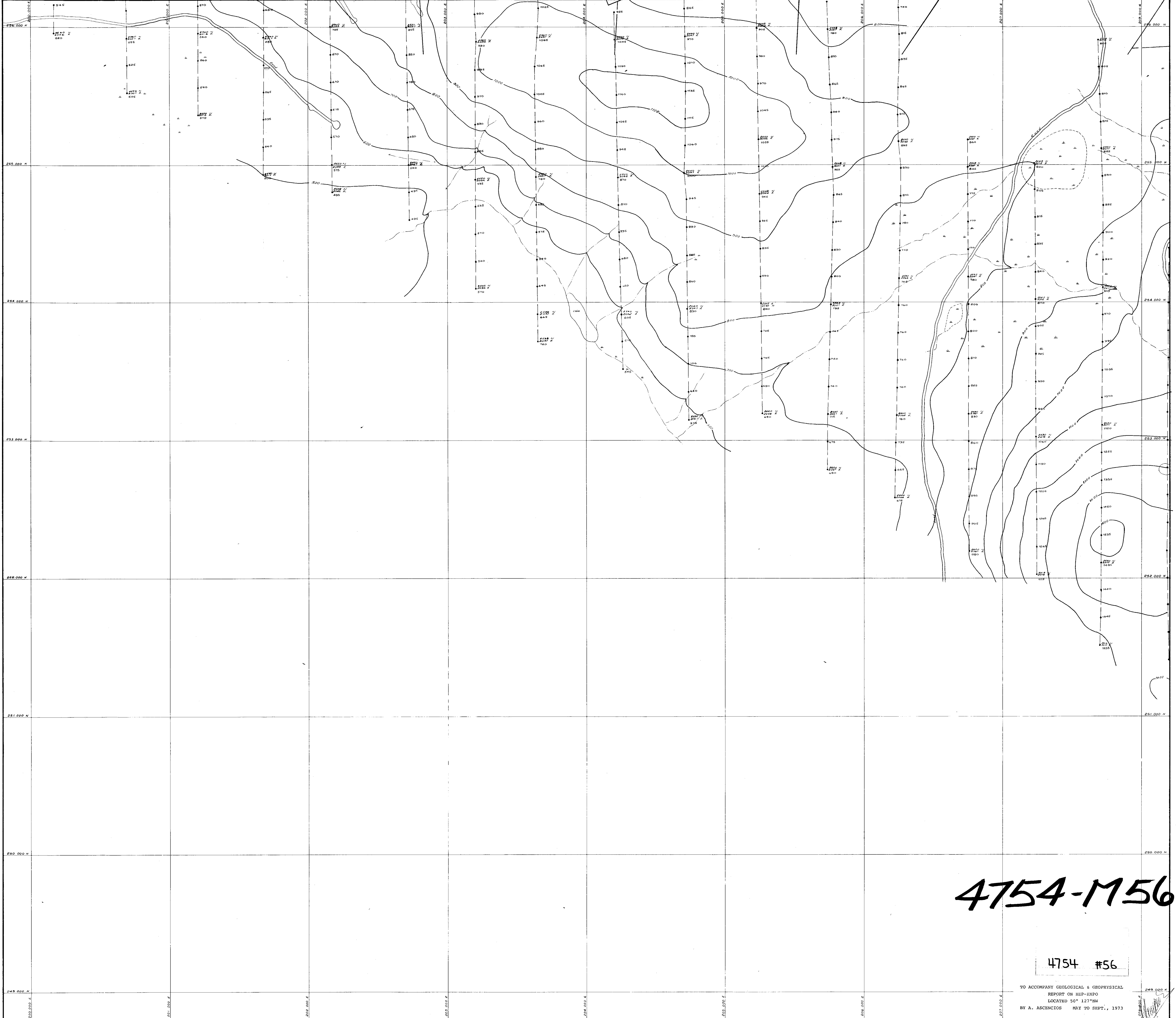
EXPO GROUP
TOPOGRAPHIC MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Map by: U.M. Date: November 1973 NTS Ref:
Drawn by: C.D., E.C. Revised: MAP of C-3

250 500 750 1000 1250 1500 1750 2000

SCALE IN FEET



4754-M56

4754 #56

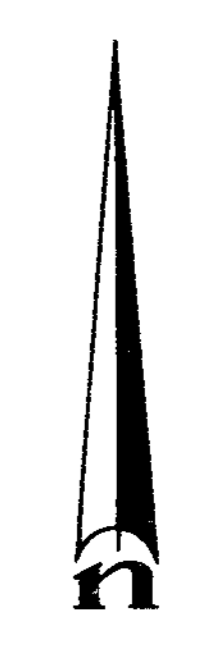
TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HER-EXPO
LOCATED 50° 127'N
BY A. ASCENCIO MAY TO SEPT., 1973

PLATE 56

LEGEND:

- MAJOR TOPOGRAPHIC CONTOUR (Interval 100 Feet)
- MINOR TOPOGRAPHIC CONTOUR (Interval 25 Feet)
- ROAD
- CREEK WIDTH DEFINED (Continuous Line)
- CREEK (40' Wide)
- SWAMP
- SLIDES
- EXPO CLAIM BOUNDARY UNSURVEYED (Dashed Line)
- SURVEYED-SHOWN SOLID LINE
- TRANSIT SURVEY HUBS
- PICKET LINE (Showing Line and Station Designation & Elevation in Feet a.s.l.)
- INCLINED DIAMOND DRILL HOLE (Showing Inclination and Total Depth)
- VERTICAL DIAMOND DRILL HOLE (Showing Total Depth)

25000	25100	25200	25300	25400	25500	25600
A-1	A-2	A-3	A-4	A-5	A-6	A-7
B-1	B-2	B-3	B-4	B-5	B-6	B-7
C-1	C-2	C-3	C-4	C-5	C-6	C-7
D-1	D-2	D-3	D-4	D-5	D-6	D-7
E-1	E-2	E-3	E-4	E-5	E-6	E-7
F-1	F-2	F-3	F-4	F-5	F-6	F-7
G-1	G-2	G-3	G-4	G-5	G-6	G-7
H-1	H-2	H-3	H-4	H-5	H-6	H-7
I-1	I-2	I-3	I-4	I-5	I-6	I-7
J-1	J-2	J-3	J-4	J-5	J-6	J-7



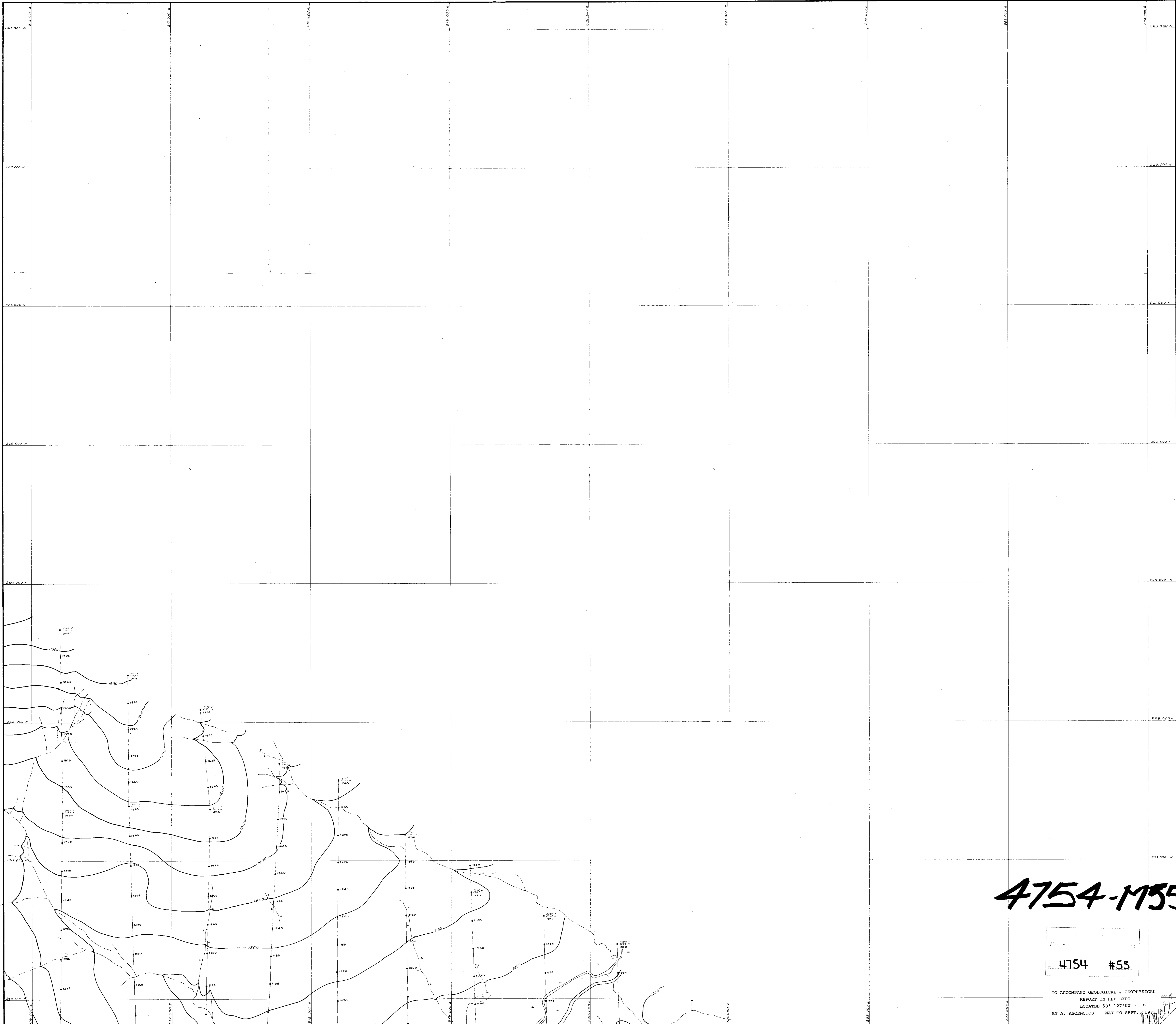
UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

EXPO GROUP
TOPOGRAPHIC MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Drawn by: D.M. Date: November 1973
Checked by: C.D., E.C. Revised: N.T.S. Rev
Scale: 1" = 400'

SCALE IN FEET



4754-M55

RC. **4754** #55

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' NW
BY A. ASCENCIO MAY TO SEPT. 1973

- LEGEND:**
- MAJOR TOPOGRAPHIC CONTOUR (Interval 100 Feet)
 - MINOR TOPOGRAPHIC CONTOUR (Interval 25 Feet)
 - ROAD
 - CREEK WIDTH DEFINED: Continuous Intermittent
 - CREEK 400' Wide
 - SWAMP
 - SLIDES
 - EXPO CLAIM BOUNDARY UNSURVEYED: Showing Claim Number And Claim Post
 - SURVEYED: SHOWN SOLID LINE
 - TRANSIT SURVEY HUBS
 - PICKET LINE: Showing Line And Station Designation & Elevation in Feet as 1.
 - INCLINED DIAMOND DRILL HOLE: Showing Inclination And Total Depth
 - VERTICAL DIAMOND DRILL HOLE: Showing Total Depth

256000	256500	257000	257500	258000	258500	259000	259500	260000	260500	261000
A-1	B-1	C-1	D-1	E-1	F-1	G-1	H-1	I-1		
A-2	B-2	C-2	D-2	E-2	F-2	G-2	H-2	I-2		
A-3	B-3	C-3	D-3	E-3	F-3	G-3	H-3	I-3		
A-4	B-4	C-4	D-4	E-4	F-4	G-4	H-4	I-4		
A-5	B-5	C-5	D-5	E-5	F-5	G-5	H-5	I-5		
A-6	B-6	C-6	D-6	E-6	F-6	G-6	H-6	I-6		
A-7	B-7	C-7	D-7	E-7	F-7	G-7	H-7	I-7		
A-8	B-8	C-8	D-8	E-8	F-8	G-8	H-8	I-8		
A-9	B-9	C-9	D-9	E-9	F-9	G-9	H-9	I-9		
A-10	B-10	C-10	D-10	E-10	F-10	G-10	H-10	I-10		
A-11	B-11	C-11	D-11	E-11	F-11	G-11	H-11	I-11		

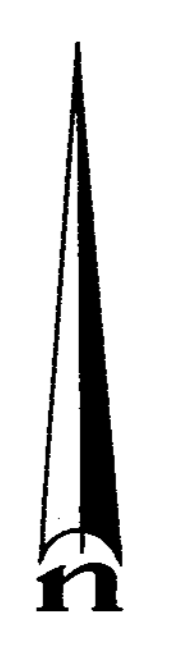


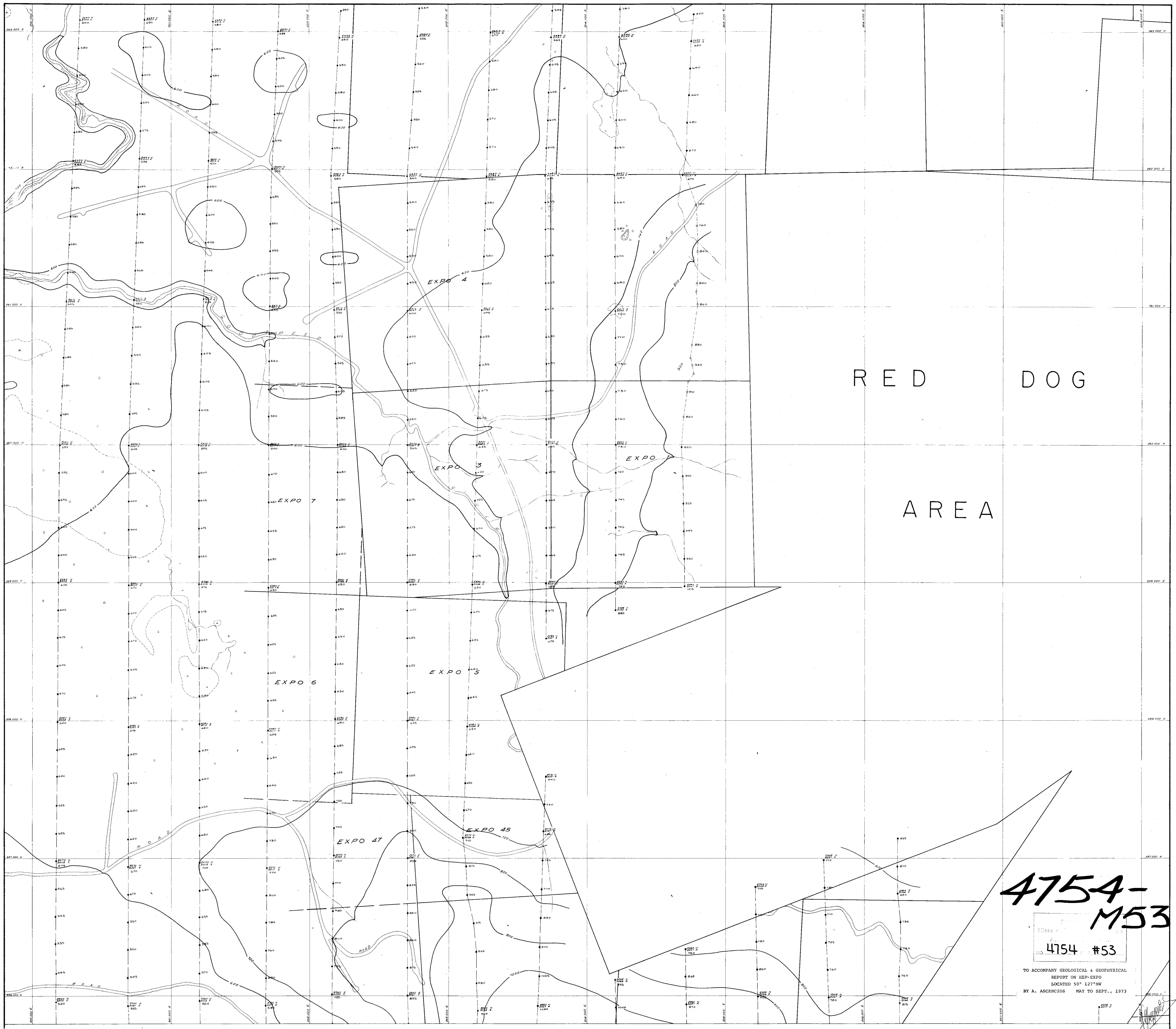
PLATE 55

UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

EXPO GROUP
TOPOGRAPHIC MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Drawn by: J.D., E.C. Date: November, 1973
Scale: 1" = 400' MAP SHEET: 55-4



RED DOG
AREA

4754-
M53

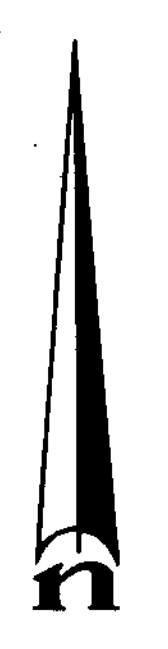
4754 #53

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 32' 27" N
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND:

- MAJOR TOPOGRAPHIC CONTOUR (Interval 100 Feet)
- MINOR TOPOGRAPHIC CONTOUR (Interval 25 Feet)
- ROAD
- CREEK WIDTH DEFINED: Continuous Inset/Inset
- CREEK <10' Wide
- SWAMP
- SLIDES
- EXPO CLAIM BOUNDARY UNSURVEYED: Showing Claim Number And Claim Post
- SURVEYED: SHOWN SOLID LINE
- TRANSIT SURVEY HUBS
- PICKET LINE: Showing Line And Station Designation & Elevation In Feet as is.
- INCLINED DIAMOND DRILL HOLE: Showing Inclination And Total Depth
- VERTICAL DIAMOND DRILL HOLE: Showing Total Depth

GRID	EXPO	DRILL HOLE	DEPTH	INCLINATION	DATE	DRILLER
A-1	EXPO 4	100	100	0	1973	J.M.
B-1	EXPO 3	100	100	0	1973	J.M.
C-1	EXPO 7	100	100	0	1973	J.M.
D-1	EXPO 6	100	100	0	1973	J.M.
E-1	EXPO 45	100	100	0	1973	J.M.
F-1	EXPO 47	100	100	0	1973	J.M.
G-1	EXPO 4	100	100	0	1973	J.M.
H-1	EXPO 3	100	100	0	1973	J.M.



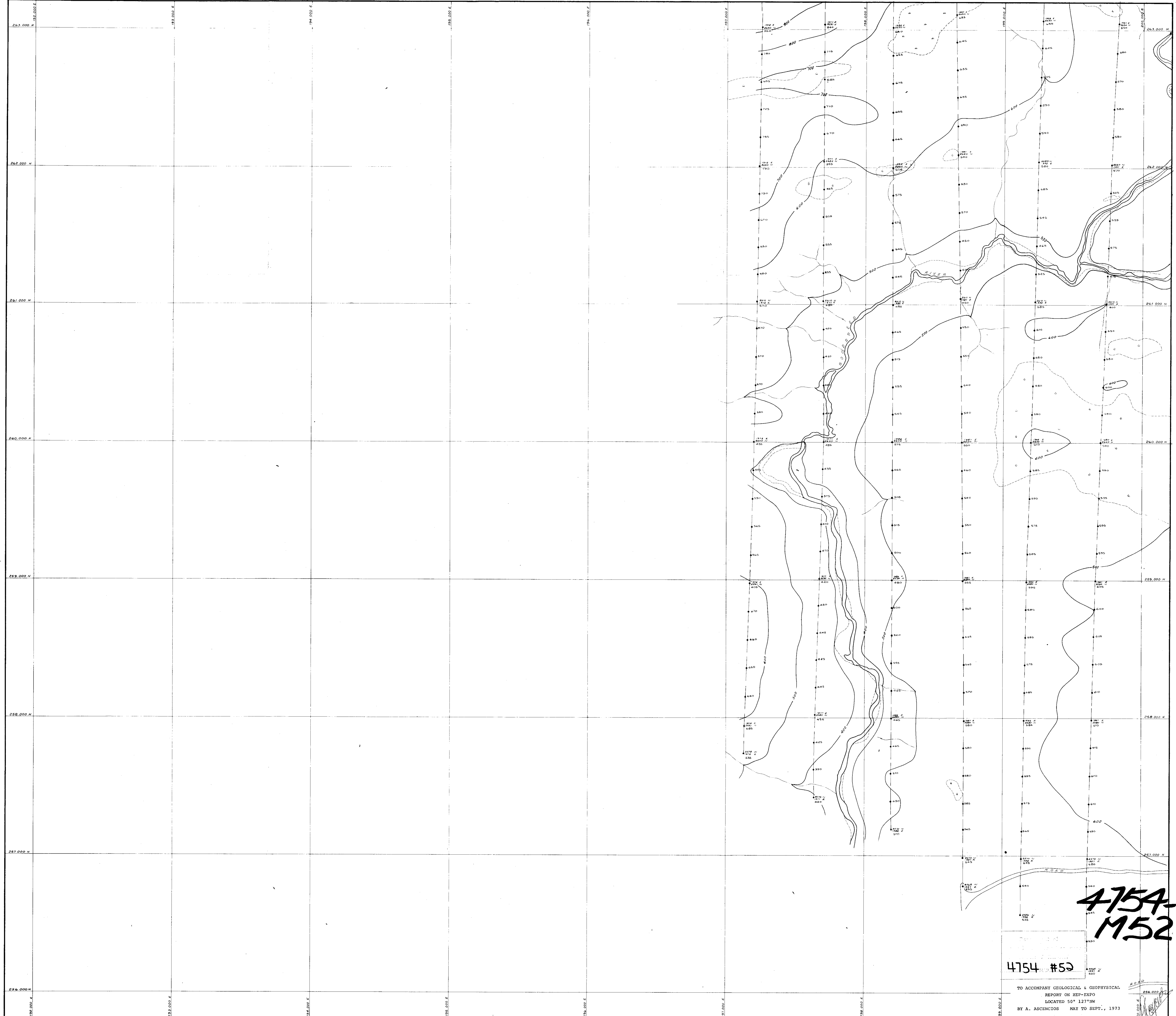
UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

EXPO GROUP
TOPOGRAPHIC MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Scale: 200 100 0 200 400 600
SCALE IN FEET

PLATE 53



**4754-
M52**

4754 #52

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' 30" W
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND:

- MAJOR TOPOGRAPHIC CONTOUR
(Interval 100 Feet)
- MINOR TOPOGRAPHIC CONTOUR
(Interval 25 Feet)
- ROAD
- CREEK WIDTH DEFINED:
Continuous Intermittent
- CREEK
1/4" Wide
- SWAMP
- SLIDES
- EXPO CLAIM BOUNDARY UNSURVEYED:
Showing Claim Number And Claim Post
- SURVEYED SHOWN SOLID LINE
- TRANSIT SURVEY HUBS
- SOCIETY LINE:
Showing Line And Station Designation B Elevation In Feet c.s.l.
- INCLINED DIAMOND DRILL HOLE:
Showing Inclination And Total Depth
- VERTICAL DIAMOND DRILL HOLE:
Showing Total Depth

A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

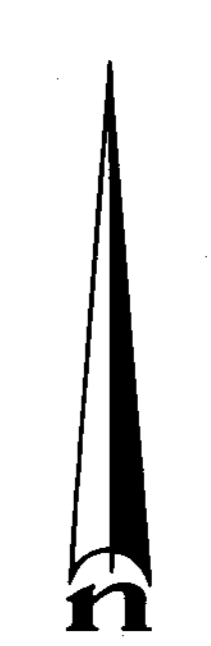


PLATE 52

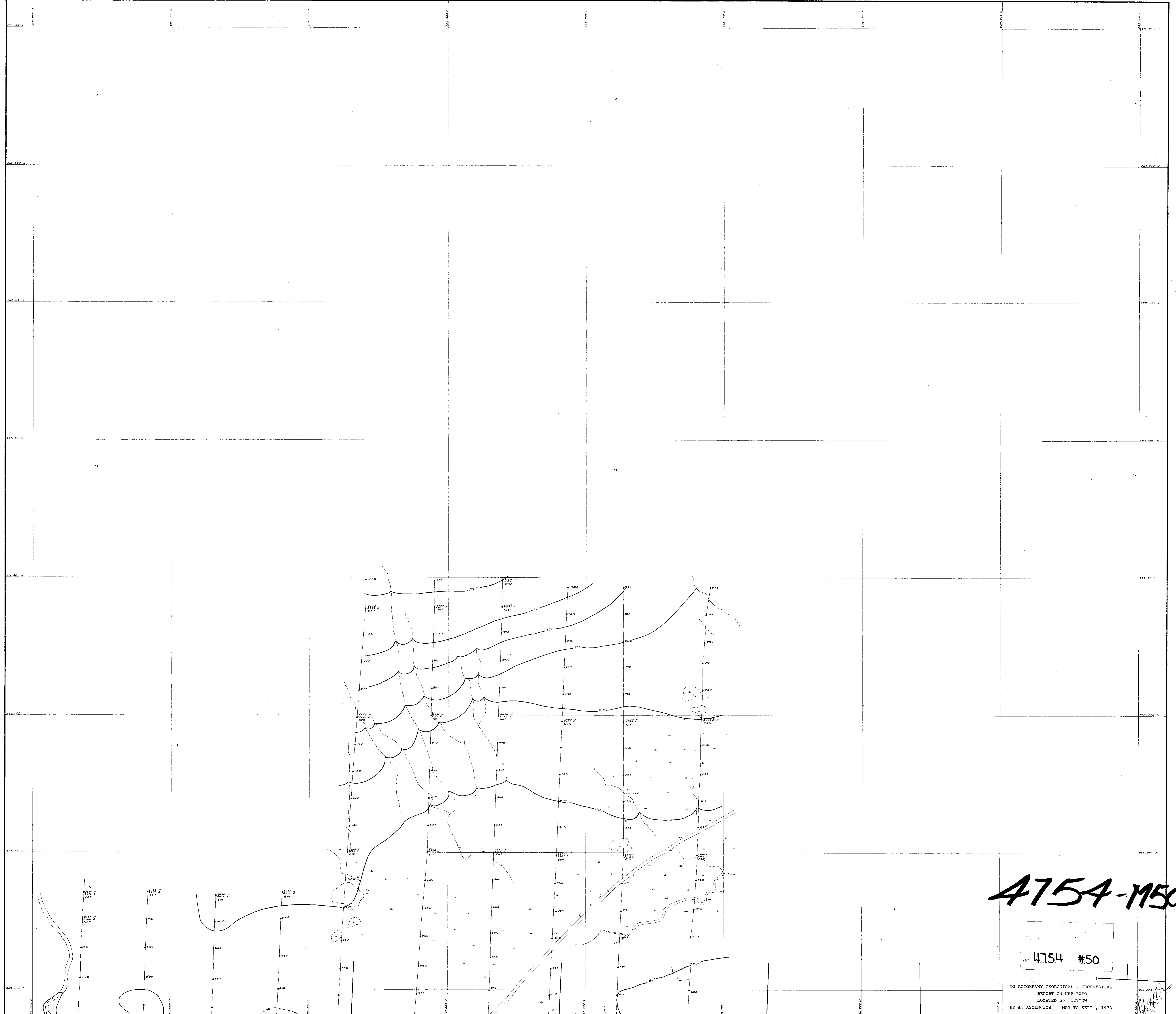
UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

EXPO GROUP
TOPOGRAPHIC MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Made by: U.M. Date: November 1973 NTS Ref:
Drawn by: C.D., E.C. Revised: 200 MAP of B-1

Scale: 1" = 400'



4754-150

4754 #50

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' NW
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND:

- MAJOR TOPOGRAPHIC CONTOUR (Interval 100 Feet)
- MINOR TOPOGRAPHIC CONTOUR (Interval 25 Feet)
- ROAD
- CREEK WIDTH DEFINED: Continuous Intermittent
- CREEK <10' Wide
- SWAMP
- SLIDES
- EXPO CLAIM BOUNDARY UNSURVEYED: Showing Claim Number And Claim Post
- SURVEYED-SHOWN SOLID LINE
- TRANSIT SURVEY NUBS
- PICKET LINE: Showing Line And Station Designation & Elevation In Feet e.s.l.
- INCLINED DIAMOND DRILL HOLE: Showing Inclination And Total Depth
- VERTICAL DIAMOND DRILL HOLE: Showing Total Depth

A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

PLATE 50

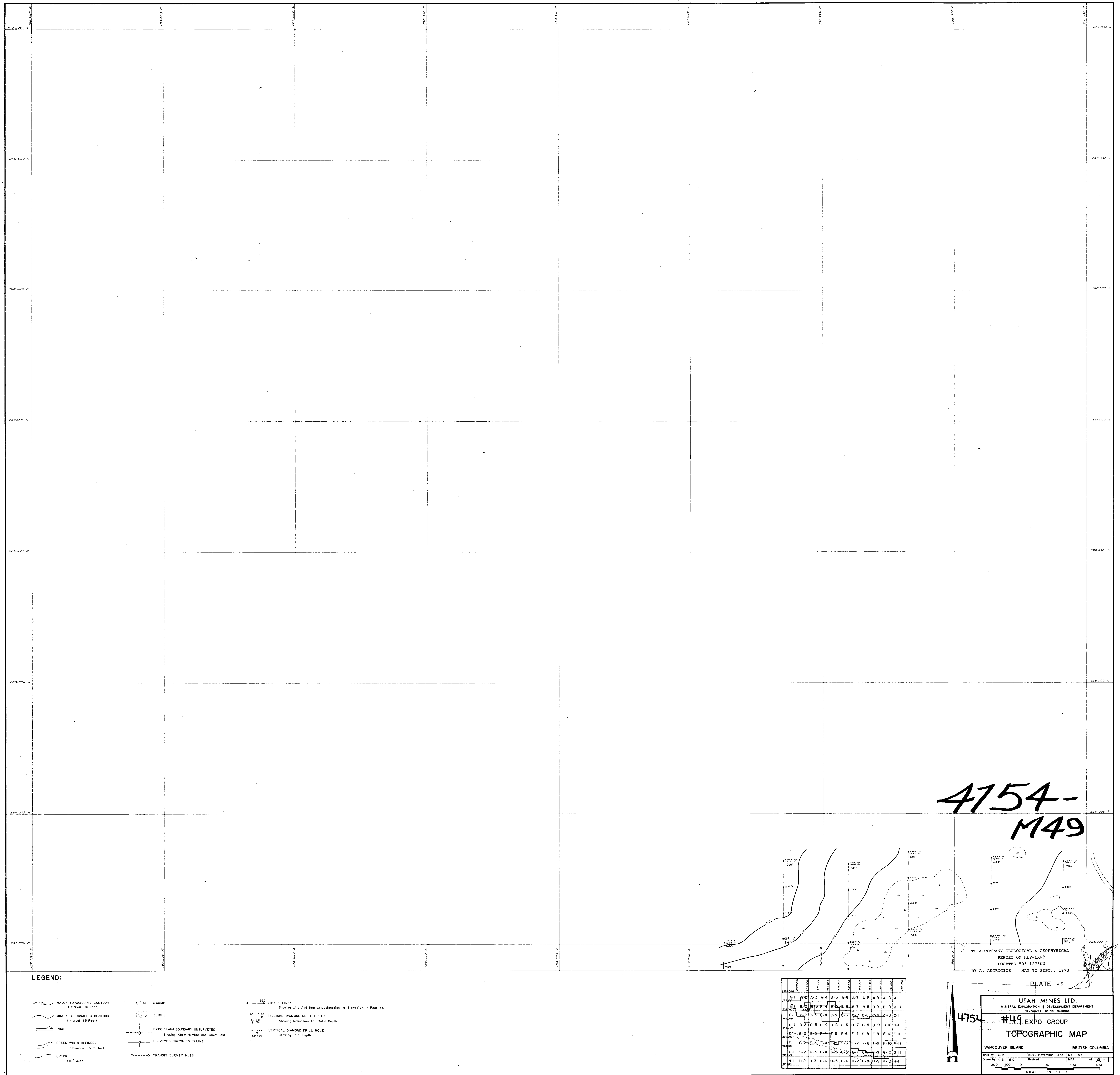
UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

EXPO GROUP
TOPOGRAPHIC MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Work by: U.M. Date: November 1973 NTS Ref.
Drawn by: C.S., E.C. Revised: MAP of A-2
Scale: 1" = 200' 200' 400' 600'

SCALE IN FEET



4754-
M49

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' 30" N
BY A. ASCENCIOS MAY TO SEPT., 1973

PLATE 49

LEGEND:

- MAJOR TOPOGRAPHIC CONTOUR (Interval 100 Feet)
- MINOR TOPOGRAPHIC CONTOUR (Interval 25 Feet)
- ROAD
- CREEK WIDTH DEFINED (Continuous Intermittent)
- CREEK (10' wide)
- SWAMP
- SLIDES
- EXPO CLAIM BOUNDARY UNSURVEYED (Showing Claim Number And Claim Post)
- SURVEYED - SHOWN SOLID LINE
- TRANSIT SURVEY HUBS
- PICKET LINE: (Showing Line And Station Designation & Elevation in Feet e.g., 1000 1000 1000)
- INCLINED DIAMOND DRILL HOLE: (Showing Inclination And Total Depth)
- VERTICAL DIAMOND DRILL HOLE: (Showing Total Depth)

178000	179000	180000	181000	182000	183000	184000
A-1	A-2	A-3	A-4	A-5	A-6	A-7
B-1	B-2	B-3	B-4	B-5	B-6	B-7
C-1	C-2	C-3	C-4	C-5	C-6	C-7
D-1	D-2	D-3	D-4	D-5	D-6	D-7
E-1	E-2	E-3	E-4	E-5	E-6	E-7
F-1	F-2	F-3	F-4	F-5	F-6	F-7
G-1	G-2	G-3	G-4	G-5	G-6	G-7
H-1	H-2	H-3	H-4	H-5	H-6	H-7
I-1	I-2	I-3	I-4	I-5	I-6	I-7
J-1	J-2	J-3	J-4	J-5	J-6	J-7
K-1	K-2	K-3	K-4	K-5	K-6	K-7
L-1	L-2	L-3	L-4	L-5	L-6	L-7
M-1	M-2	M-3	M-4	M-5	M-6	M-7
N-1	N-2	N-3	N-4	N-5	N-6	N-7
O-1	O-2	O-3	O-4	O-5	O-6	O-7
P-1	P-2	P-3	P-4	P-5	P-6	P-7
Q-1	Q-2	Q-3	Q-4	Q-5	Q-6	Q-7
R-1	R-2	R-3	R-4	R-5	R-6	R-7
S-1	S-2	S-3	S-4	S-5	S-6	S-7
T-1	T-2	T-3	T-4	T-5	T-6	T-7
U-1	U-2	U-3	U-4	U-5	U-6	U-7
V-1	V-2	V-3	V-4	V-5	V-6	V-7
W-1	W-2	W-3	W-4	W-5	W-6	W-7
X-1	X-2	X-3	X-4	X-5	X-6	X-7
Y-1	Y-2	Y-3	Y-4	Y-5	Y-6	Y-7
Z-1	Z-2	Z-3	Z-4	Z-5	Z-6	Z-7

4754

UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER, BRITISH COLUMBIA

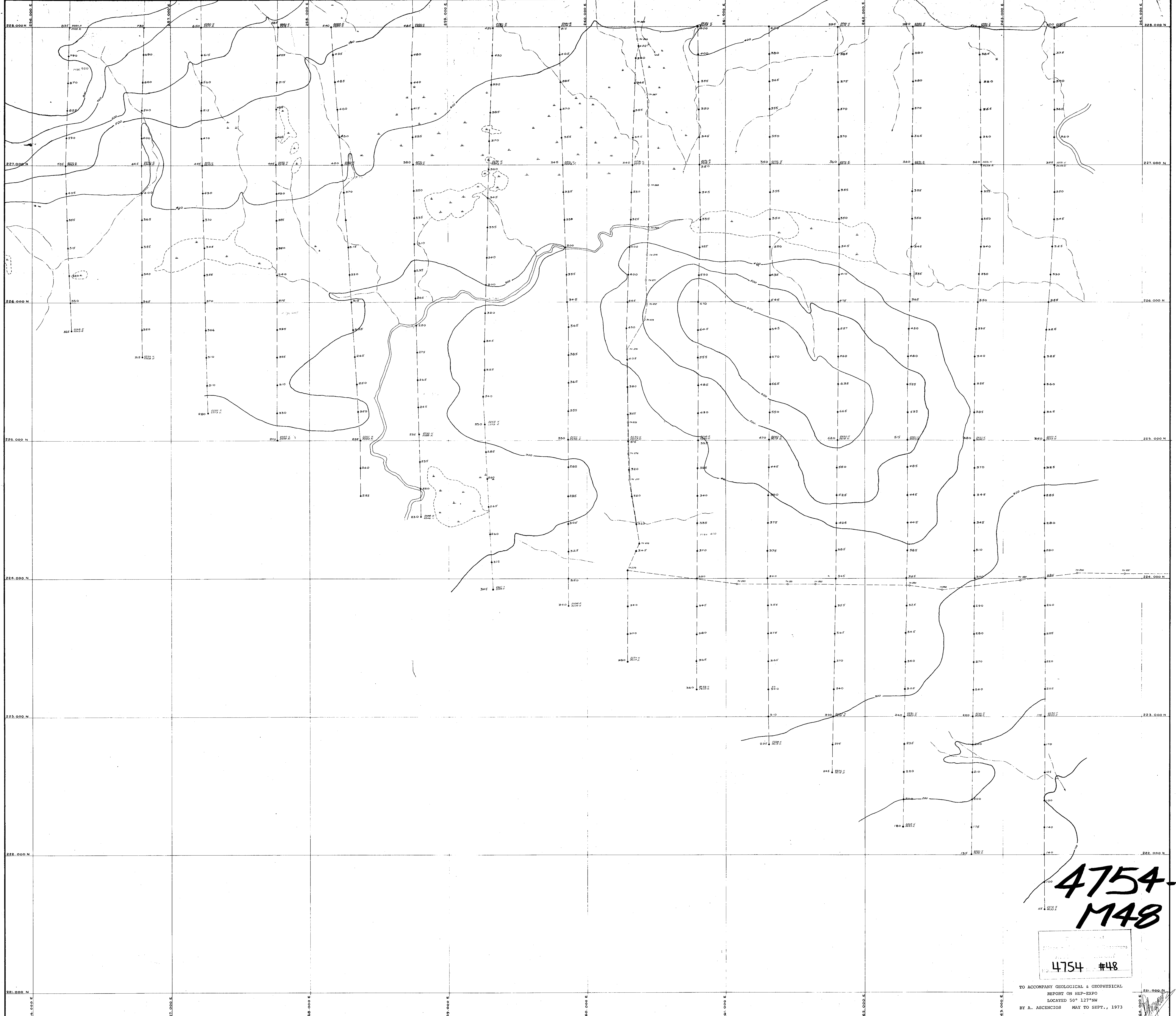
#49 EXPO GROUP

TOPOGRAPHIC MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Work by U.M. Date November 1973 NTS Ref
Drawn by C.D., E.C. Revised MAP of A-1

0 100 200 300 400 500
SCALE IN FEET



4754-M48

4754 #48

TO ACCOMPANY GEOLOGICAL & GYOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' NN
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND:

- MAJOR TOPOGRAPHIC CONTOUR (Interval 100 Feet)
- MINOR TOPOGRAPHIC CONTOUR (Interval 25 Feet)
- ROAD
- CREEK WIDTH DEFINED: Continuous Interval/feet
- CREEK <10' Wide
- SWAMP
- SLIDES
- EXPO CLAIM BOUNDARY UNSURVEYED: Showing Claim Number And Claim Post
- SURVEYED SHOWN SOLID LINE
- TRANSIT SURVEY HUBS
- PICKET LINE: Showing Line And Station Designation & Elevation In Feet ± 0.1
- INCLINED DIAMOND DRILL HOLE: Showing Indication And Total Depth
- VERTICAL DIAMOND DRILL HOLE: Showing Total Depth

A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

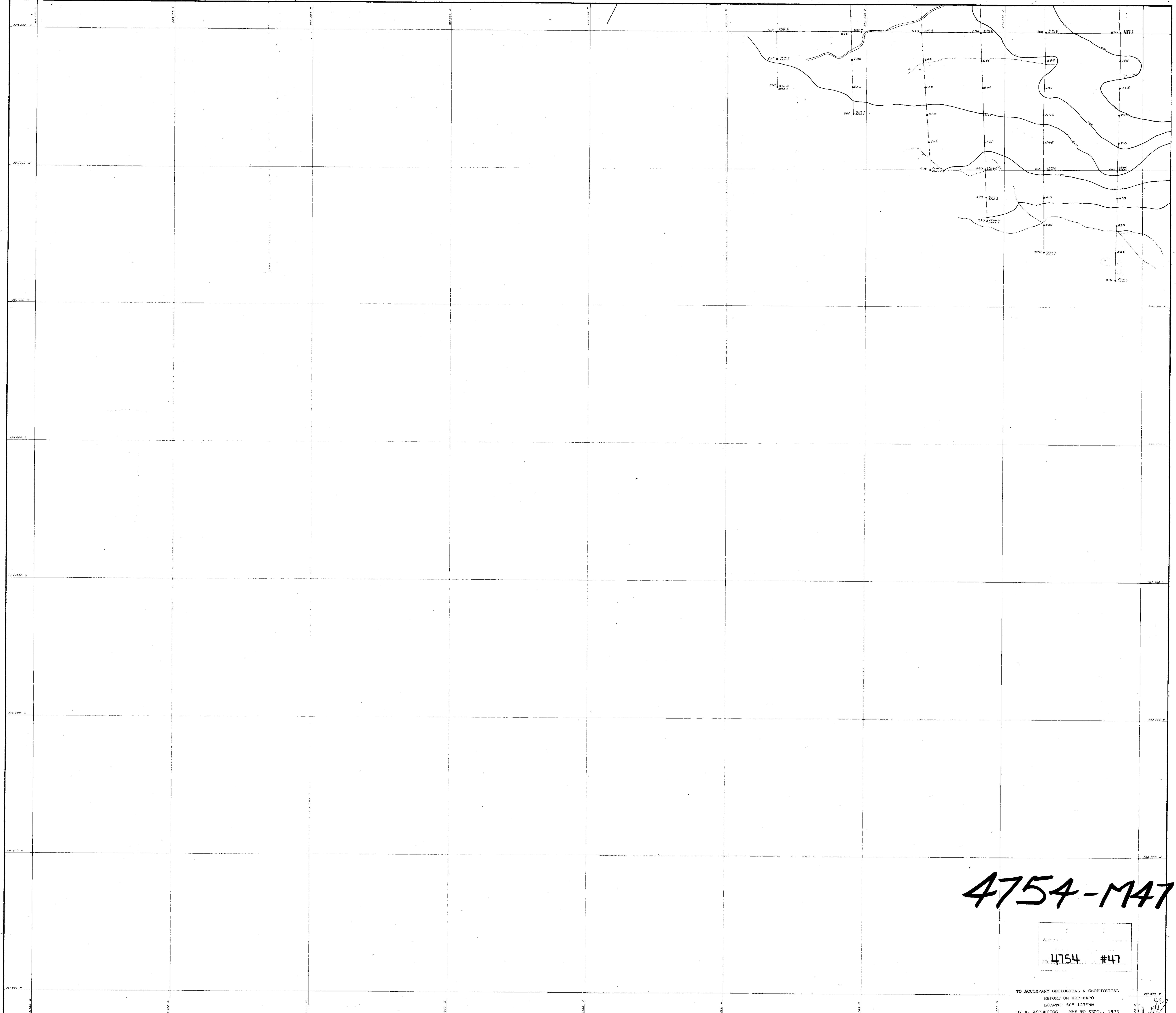


UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

EXPO GROUP
TOPOGRAPHIC MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Work by U.M. Date: November 1973 NTS Ref: 14754
Drawn by C.D., E.D. Project: M48 of G-9
Scale: 1:50,000



4754-M47

4754 #47

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' NW
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND:

- MAJOR TOPOGRAPHIC CONTOUR (Interval 100 Feet)
- MINOR TOPOGRAPHIC CONTOUR (Interval 25 Feet)
- ROAD
- CREEK WIDTH DEFINED: Continuous/Intermittent
- CREEK <10' Wide
- SWAMP
- SLIDES
- EXPO CLAIM BOUNDARY UNSURVEYED: Showing Claim Number And Claim Post
- SURVEYED-SHOWN SOLID LINE
- TRANSIT SURVEY HUBS
- PICKET LINE: Showing Line And Station Designation & Elevation In Feet a.s.l.
- INCLINED DIAMOND DRILL HOLE: Showing Inclination And Total Depth
- VERTICAL DIAMOND DRILL HOLE: Showing Total Depth

22000	22100	22200	22300	22400	22500	22600	22700	22800	22900	23000
A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

PLATE 47

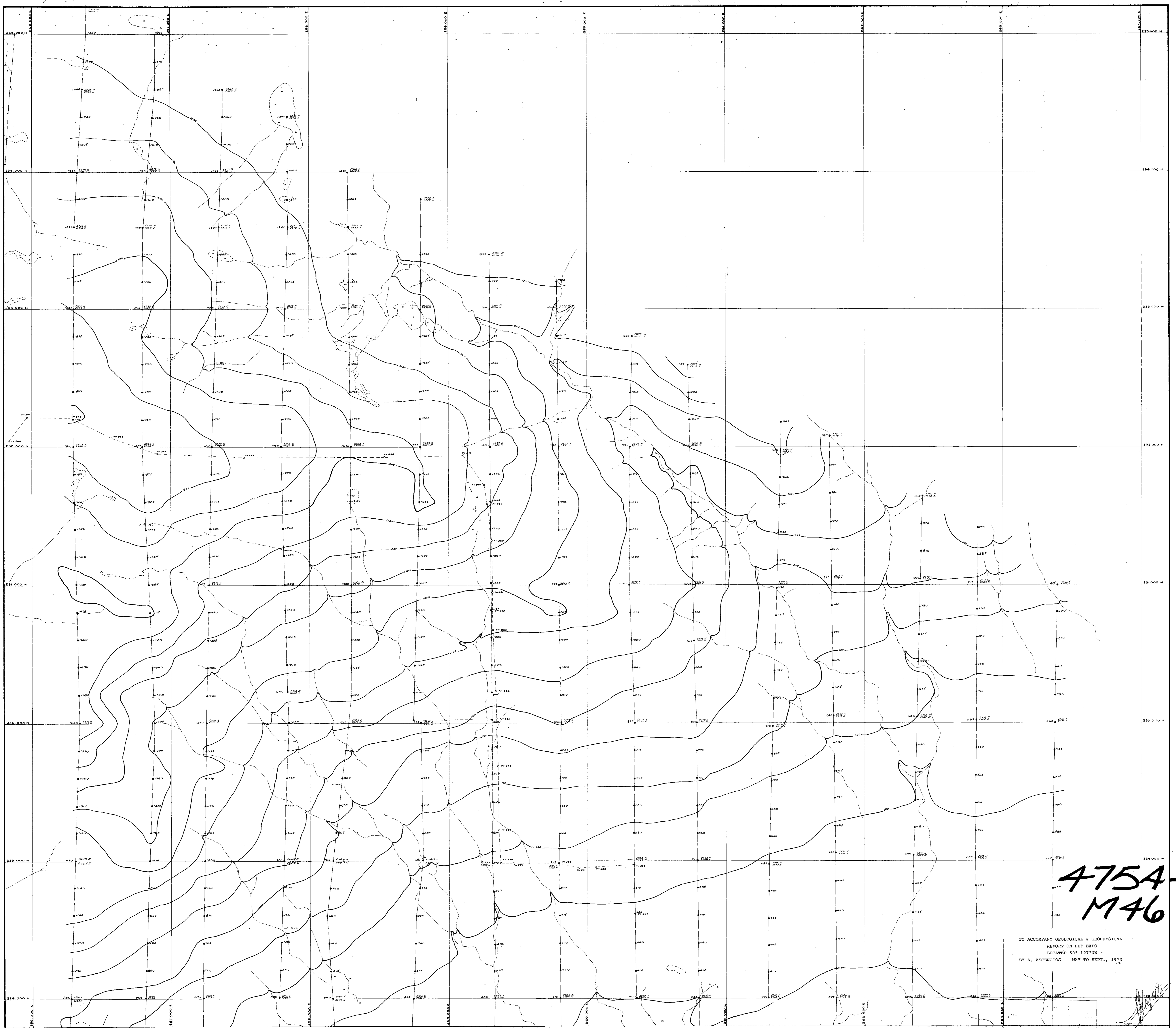
UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER, BRITISH COLUMBIA

EXPO GROUP
TOPOGRAPHIC MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Drawn by: C.D., E.C. Date: November 1973
Revised: 1980 of G-8

200 400 600
SCALE IN FEET



475A-M46

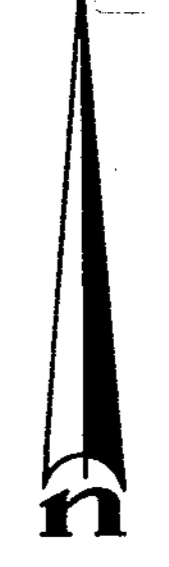
TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' NW
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND:

- MAJOR TOPOGRAPHIC CONTOUR (Interval 100 Feet)
- MINOR TOPOGRAPHIC CONTOUR (Interval 25 Feet)
- ROAD
- CREEK WIDTH DEFINED: Continuous/Intermittent
- CREEK (10' Wide)
- SWAMP
- SLIDES
- EXPO CLAIM BOUNDARY UNSURVEYED: Showing Claim Number And Chain Post
- SURVEYED: SHOWN SOLID LINE
- TRANSIT SURVEY HUBS
- RICKET LINE: Showing Line And Station Designation, B Elevation In Feet (a.s.l.)
- INCLINED DIAMOND DRILL HOLE: Showing Inclination And Total Depth
- VERTICAL DIAMOND DRILL HOLE: Showing Total Depth

228000	228500	229000	229500	230000	230500	231000	231500	232000	232500	233000	233500	234000
A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11		
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11		
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11		
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11		
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11		
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11		
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11		
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11		

4754 #46 PLATE 46

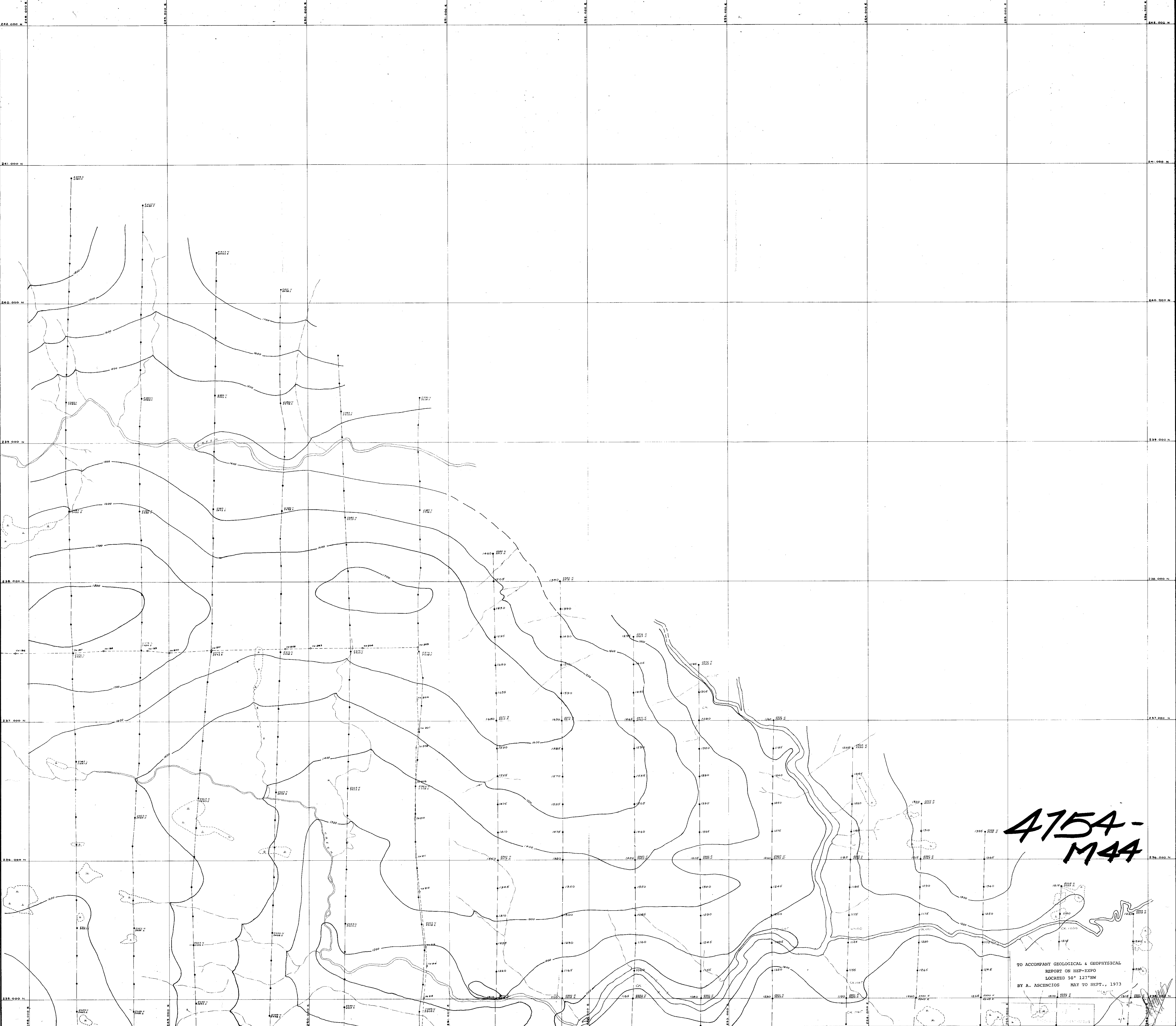


UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

EXPO GROUP
TOPOGRAPHIC MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Map by J.M. Date: November 1973
Drawn by C.D., E.C. Revised: MAP of F-9
200 100 0 200 400 600
SCALE IN FEET



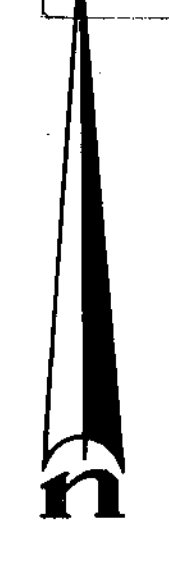
4754-M44

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' NW
BY A. ASCENCIO MAY TO SEPT., 1973

- LEGEND:**
- MAJOR TOPOGRAPHIC CONTOUR (Interval 100 Feet)
 - MINOR TOPOGRAPHIC CONTOUR (Interval 25 Feet)
 - ROAD
 - CREEK WIDTH DEFINED: Continuous Intersect
 - CREEK (10' Wide)
 - SWAMP
 - SLIDES
 - EXPO CLAIM BOUNDARY UNSURVEYED: Showing Claim Number And Claim Post
 - SURVEYED SHOWN SOLID LINE
 - TRANSIT SURVEY MARKS
 - PICKET LINE: Showing Line And Station Designation & Elevation in Feet (x.1)
 - INCLINED DIAMOND DRILL HOLE: Showing Inclination And Total Depth
 - VERTICAL DIAMOND DRILL HOLE: Showing Total Depth

275000	275500	276000	276500	277000	277500	278000	278500	279000	279500	280000
A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

4754 #44 PLATE 44



UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

**EXPO GROUP
TOPOGRAPHIC MAP**

VANCOUVER ISLAND BRITISH COLUMBIA

Work by: G.S. Date: November 1973 NTS RAT
Drawn by: C.O., E.E. MAP of E-8
200 400 600
SCALE IN FEET

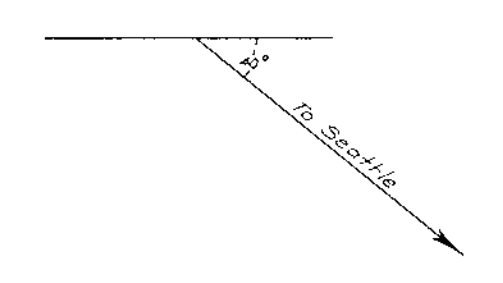


4754-1A3

Property of
 4754 #43

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
 REPORT ON HEP-EXPO
 LOCATED 50° 12' N
 BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND:
 Instrument: GEONICS EM-1G
 Transmitter station: SEATTLE
 Readings every 100 feet
 Value interpolated over water



LINE	STATION	READING	STATION	READING	STATION	READING	STATION	READING	STATION	READING
A-1	F-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11	
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

Plate 43
UTAH MINES LTD.
 MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
 VANCOUVER BRITISH COLUMBIA

VLF - EM SURVEY

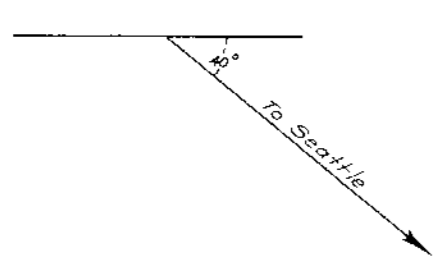
Work by: *R. Williams* Date: Nov-73 NTS Ref: *MAP*
 Drawn by: *C.D.* Revised: *MAP* of *E-7*

Scale: 1" = 500'



LEGEND:

Instrument - GEONICS EM-16
 Transmitter station - SEATTLE
 Readings every 100 feet
 Value interpolated over water



232000	233000	234000	235000	236000	237000	238000	239000	240000
A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9
I-1	I-2	I-3	I-4	I-5	I-6	I-7	I-8	I-9

4754-M41

4754 #41

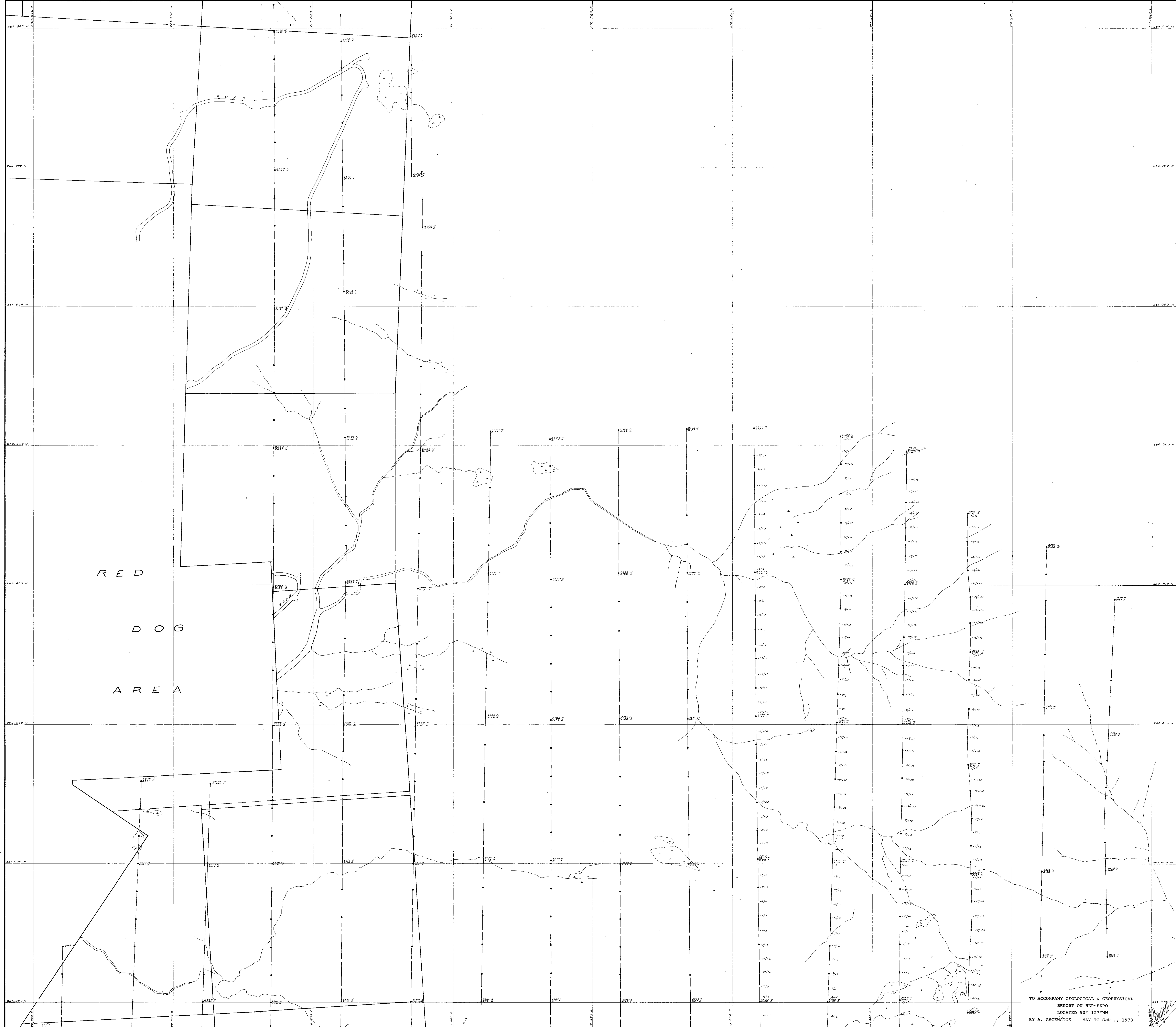
TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
 REPORT ON HEP-EXPO
 LOCATED 50° 127' NW
 BY A. ASCENCIO MAY TO SEPT., 1973

Plate 41

UTAH MINES LTD.
 MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
 VANCOUVER BRITISH COLUMBIA

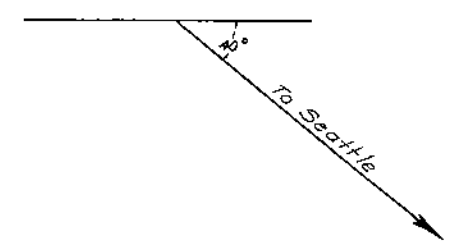
VLF - EM SURVEY

Work by: A. Ascencio Date: 1973
 Drawn by: C.D. Revised: MAP of D-6
 SCALE IN FEET



RED
DOG
AREA

LEGEND:
 Instrument: GEONICS EM-16
 Transmitter station: SEATTLE
 Readings every 100 feet
 Value interpolated over water



LINE	1	2	3	4	5	6	7	8	9	10	11
A	A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C	C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D	D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E	E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F	F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G	G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H	H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

475A-M39

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
 REPORT ON HEP-EXPO
 LOCATED 50° 12' 17" NW
 BY A. ASCENCIO MAY TO SEPT., 1973

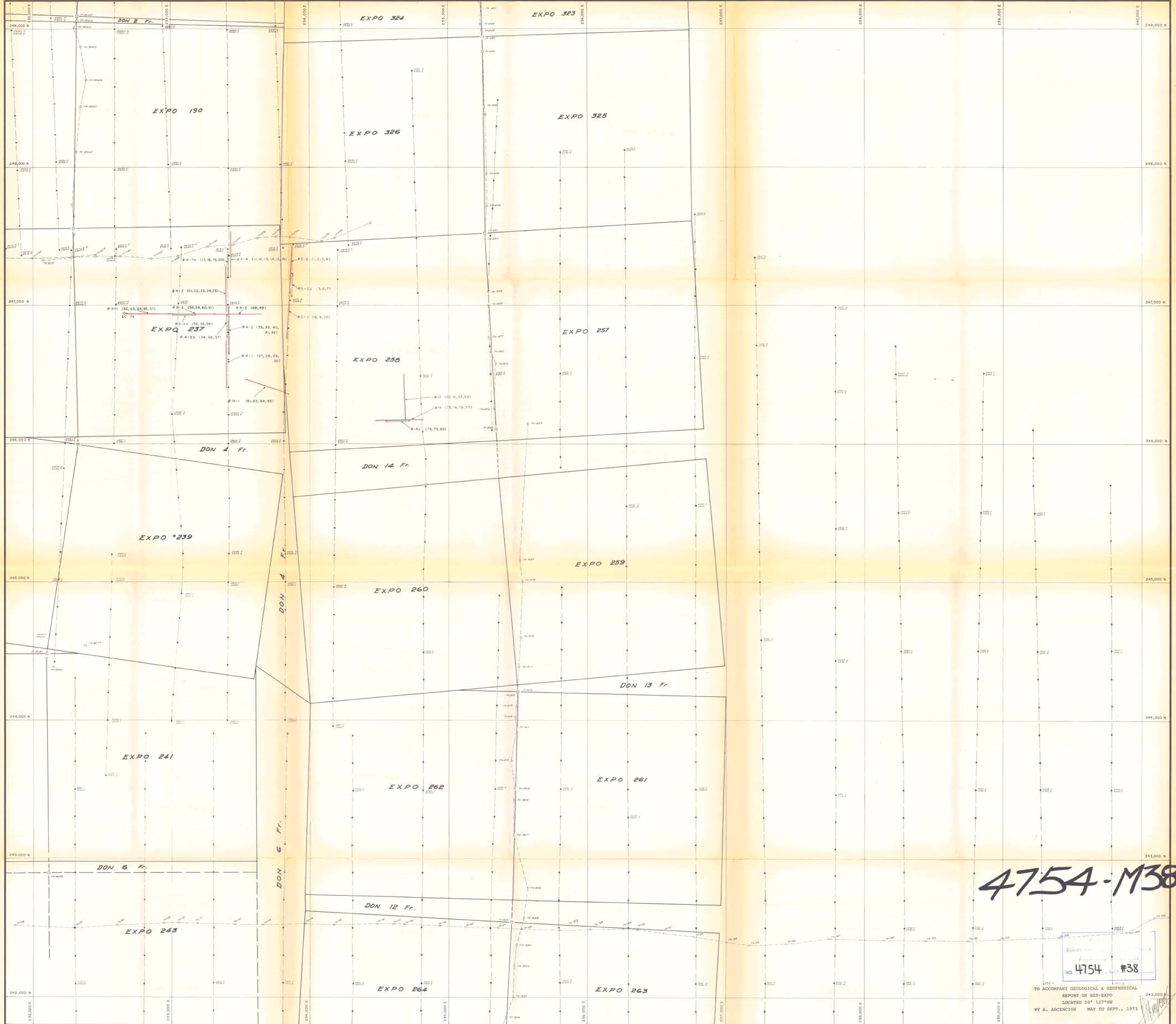
Plate 39

UTAH MINES LTD.
 MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
 VANCOUVER BRITISH COLUMBIA

VLF-EM
 #39 SURVEY

Work by: [Signature] Date: Nov 73 NTS Ref:
 Drawn by: C.D. Revised: MAP of B-3

SCALE IN FEET



4754-M38

MINES LTD.
#38

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
REPORT ON HEZ-EXPO
VANCOUVER BRITISH COLUMBIA
LOCATED 58° 12' 14" N
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND

- INSTRUMENT Geopose G1-28 12 Channel Seismic Refractor Recorder
- Line 64 sec. Seismic photograph numbers pertaining to line
- Seismic Array indicating orientation and length, i.e. 10'
- 30' Geophone Separation
- 15' Geophone Separation

SYMBOLS

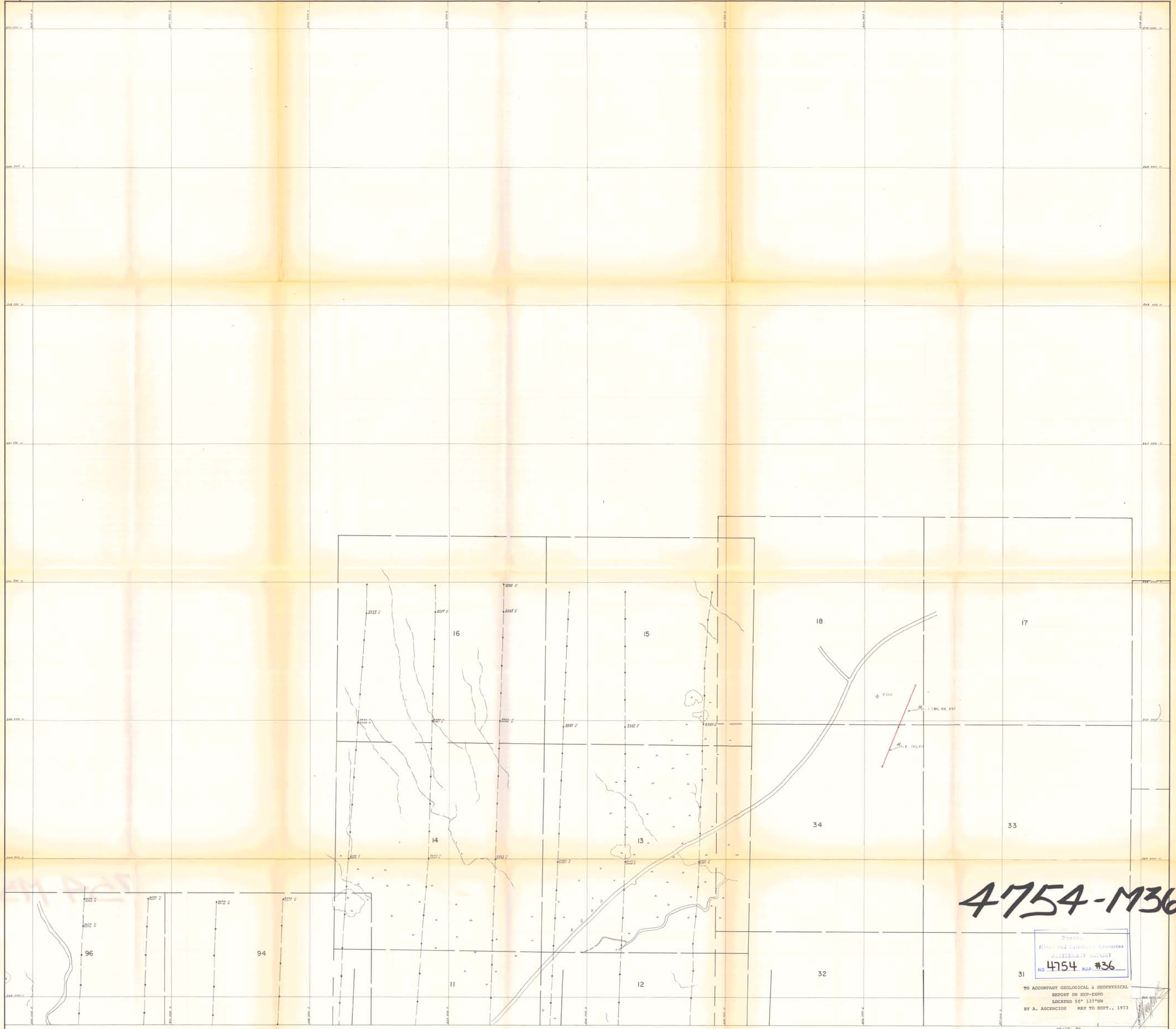
- Transit Survey, Hubs
- Profile Line, Shooting line and station designation
- Rep. Claim Boundary Unsurveyed, showing claim number and claim post
- Diamond Drill Hole

A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

SEISMIC REFRACTION SURVEY
LOCATION MAP

Work by: A. Ascencio Date: May 73 NTS Ref:
Drawn by: C.D.P. Revised: MAP D-6
Scale: 1" = 400'



4754-M36

Drawing
 Mine and Geophysical Services
 ASSESSMENT LOGSHEET
 NO 4754 MAP #36

31
 TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
 REPORT ON REF-EXPO
 LOCATED 50° 127'W
 BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND

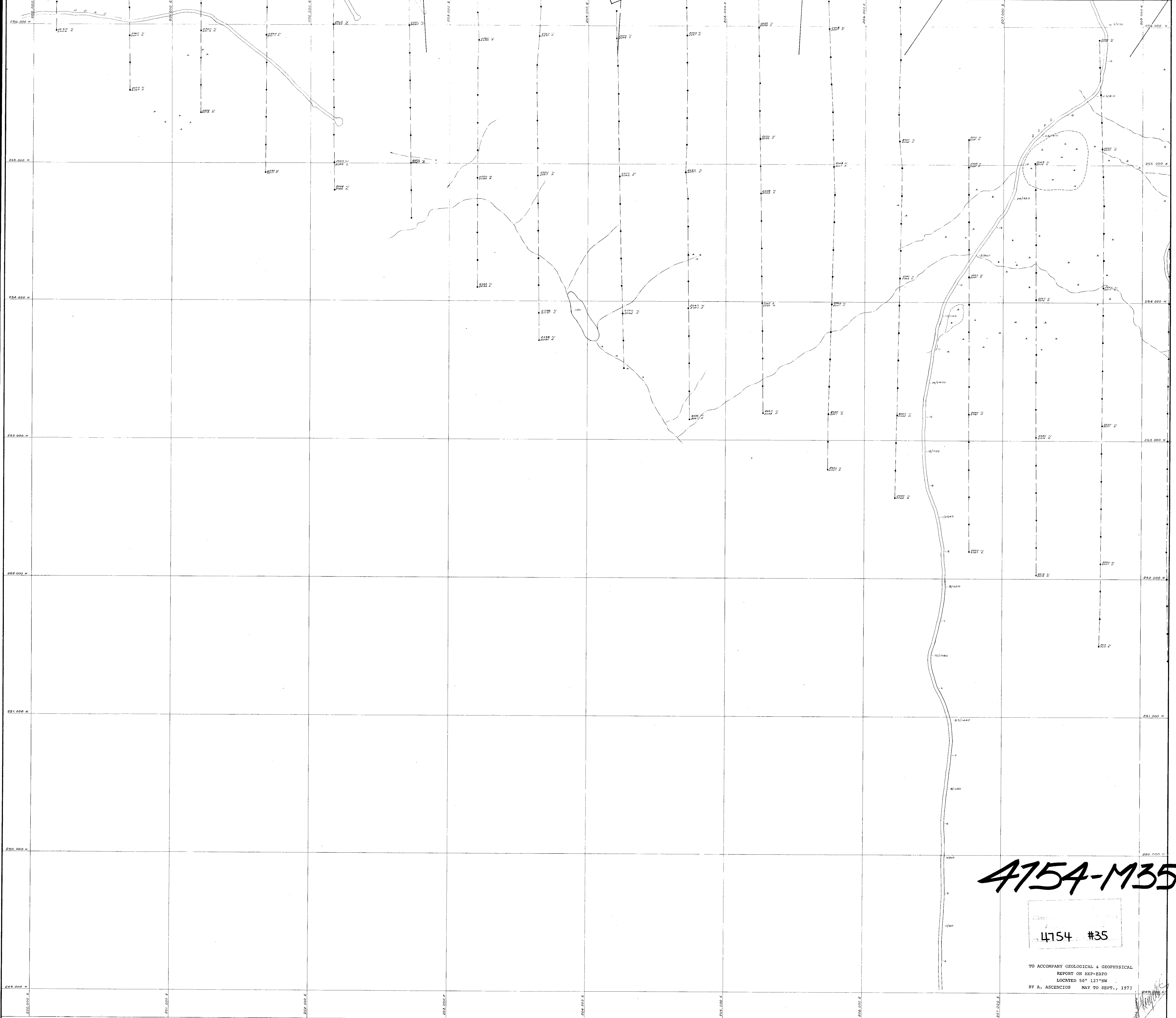
INSTRUMENT
 G-1 - Geosocex G1-28 12 Channel Seismic Refraction Recorder
 S-1 - Seismic photograph numbers pertaining to line
 S-2 - Seismic Array indicating orientation and length, i.e. 10'
 S-3 - 30' Geophone Separation

LINE NO.	INSTRUMENT	SEPARATION	ORIENTATION	START POINT	END POINT	REMARKS
A-1	G-1	30'	N-S	...	...
A-2	G-1	30'	N-S	...	...
A-3	G-1	30'	N-S	...	...
A-4	G-1	30'	N-S	...	...
A-5	G-1	30'	N-S	...	...
A-6	G-1	30'	N-S	...	...
A-7	G-1	30'	N-S	...	...
A-8	G-1	30'	N-S	...	...
A-9	G-1	30'	N-S	...	...
A-10	G-1	30'	N-S	...	...
A-11	G-1	30'	N-S	...	...
C-1	G-1	30'	E-W	...	...
C-2	G-1	30'	E-W	...	...
C-3	G-1	30'	E-W	...	...
C-4	G-1	30'	E-W	...	...
C-5	G-1	30'	E-W	...	...
C-6	G-1	30'	E-W	...	...
C-7	G-1	30'	E-W	...	...
C-8	G-1	30'	E-W	...	...
C-9	G-1	30'	E-W	...	...
C-10	G-1	30'	E-W	...	...
C-11	G-1	30'	E-W	...	...
D-1	G-1	30'	E-W	...	...
D-2	G-1	30'	E-W	...	...
D-3	G-1	30'	E-W	...	...
D-4	G-1	30'	E-W	...	...
D-5	G-1	30'	E-W	...	...
D-6	G-1	30'	E-W	...	...
D-7	G-1	30'	E-W	...	...
D-8	G-1	30'	E-W	...	...
D-9	G-1	30'	E-W	...	...
D-10	G-1	30'	E-W	...	...
D-11	G-1	30'	E-W	...	...
E-1	G-1	30'	E-W	...	...
E-2	G-1	30'	E-W	...	...
E-3	G-1	30'	E-W	...	...
E-4	G-1	30'	E-W	...	...
E-5	G-1	30'	E-W	...	...
E-6	G-1	30'	E-W	...	...
E-7	G-1	30'	E-W	...	...
E-8	G-1	30'	E-W	...	...
E-9	G-1	30'	E-W	...	...
E-10	G-1	30'	E-W	...	...
E-11	G-1	30'	E-W	...	...
F-1	G-1	30'	E-W	...	...
F-2	G-1	30'	E-W	...	...
F-3	G-1	30'	E-W	...	...
F-4	G-1	30'	E-W	...	...
F-5	G-1	30'	E-W	...	...
F-6	G-1	30'	E-W	...	...
F-7	G-1	30'	E-W	...	...
F-8	G-1	30'	E-W	...	...
F-9	G-1	30'	E-W	...	...
F-10	G-1	30'	E-W	...	...
F-11	G-1	30'	E-W	...	...
G-1	G-1	30'	E-W	...	...
G-2	G-1	30'	E-W	...	...
G-3	G-1	30'	E-W	...	...
G-4	G-1	30'	E-W	...	...
G-5	G-1	30'	E-W	...	...
G-6	G-1	30'	E-W	...	...
G-7	G-1	30'	E-W	...	...
G-8	G-1	30'	E-W	...	...
G-9	G-1	30'	E-W	...	...
G-10	G-1	30'	E-W	...	...
G-11	G-1	30'	E-W	...	...
H-1	G-1	30'	E-W	...	...
H-2	G-1	30'	E-W	...	...
H-3	G-1	30'	E-W	...	...
H-4	G-1	30'	E-W	
H-5	G-1	30'	E-W	
H-6	G-1	30'	E-W	
H-7	G-1	30'	E-W	
H-8	G-1	30'	E-W	
H-9	G-1	30'	E-W	
H-10	G-1	30'	E-W	
H-11	G-1	30'	E-W	

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 MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
 VANCOUVER, BRITISH COLUMBIA

**SEISMIC REFRACTION SURVEY
 LOCATION MAP**

Work by: J. J. ... Date: ... NTS Ref: ...
 Drawn by: J. J. ... Revised: ... MAP of A-2
 SCALE IN FEET



4754-M35

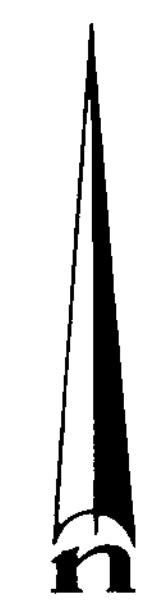
4754 #35

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HED-EXPO
LOCATED 50° 12' 19" N
BY A. ASCENCIOS MAY TO SEPT., 1973

LEGEND:

 100' Approx. Contour (in Black) (not shown)
 1:500
 1" = 100'

200000	201000	202000	203000	204000	205000	206000	207000
A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8



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 VANCOUVER BRITISH COLUMBIA

EXPO GROUP
 VANCOUVER ISLAND, B. C.

IP ROAD SURVEY-1973

Work by: A. Ascencios Date: Aug. 73 NTS Ref:
 Drawn by: C.D. Revises: MAP OF C-2
 Scale: 1" = 1000' FEET



RED DOG
AREA

4754-M34

NO. 4754 #34

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 12' NW
BY A. ASCENCIOS MAY TO SEPT., 1973

LEGEND:
Scale: 1" = 1000'
1/2" = 500'

A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

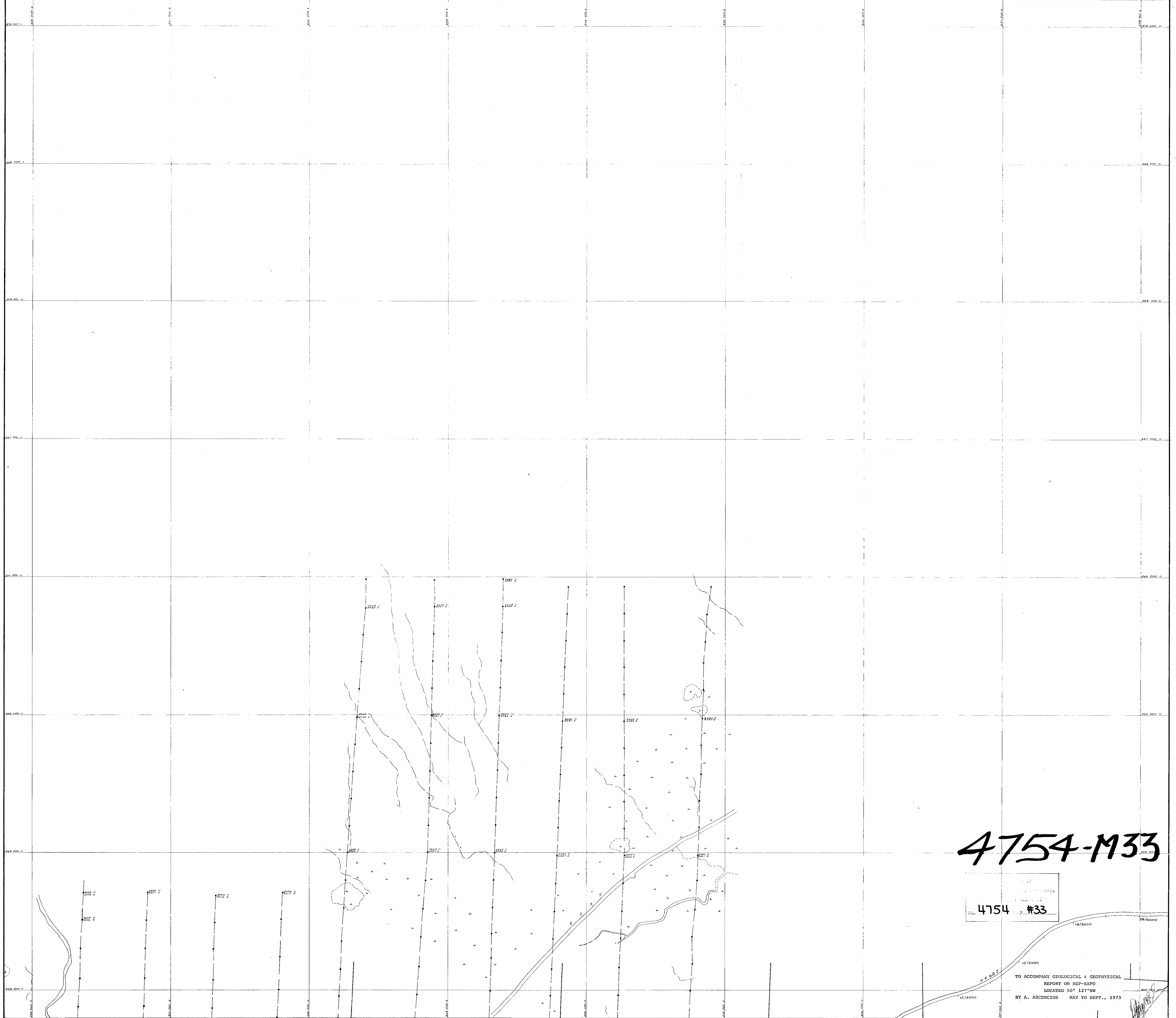


UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER ISLAND, B.C.

EXPO GROUP
VANCOUVER ISLAND, B.C.
IP ROAD SURVEY-1973

Work by: A. Ascencios Date: May 73 NTS Ref:
Drawn by: G.D. Revised: MAP of B-2

Plate 3d



4754-M33

4754 #33

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' NW
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND:

Scale: 1" = 500'

26 / Apparent Chargeability (in Millivolts)

1000 / Apparent Resistivity (in Ohm-Cent)

A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11



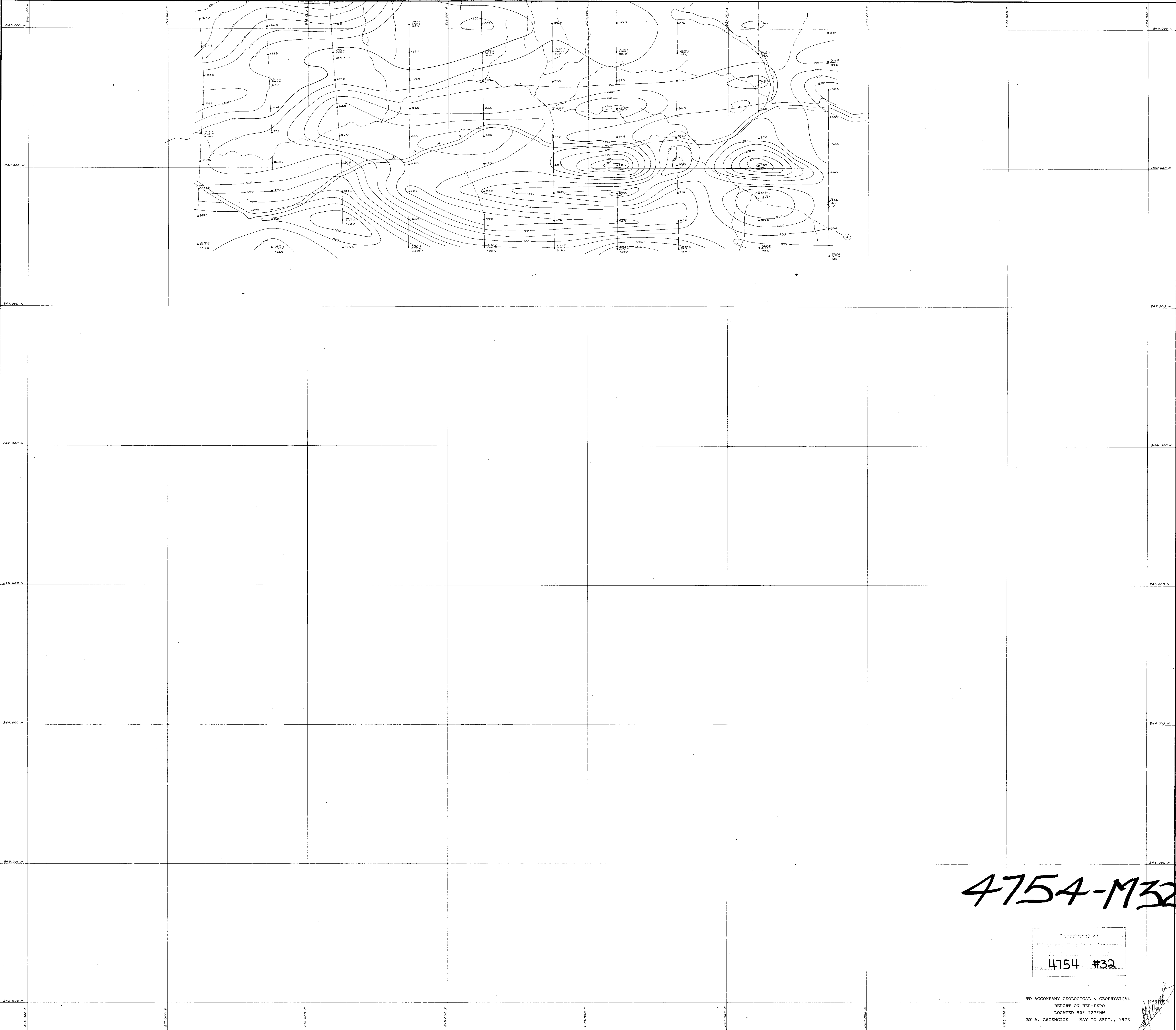
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VANCOUVER ISLAND, B.C.

EXPO GROUP
VANCOUVER ISLAND, B.C.

IP ROAD SURVEY-1973

Work by: A. Wilkins Date: Nov/73 NTS Ref:
Drawn by: C.D. Revised: MAP of A-2

Scale: 1" = 500'



4754-M32

Department of
 Mineral Exploration & Development
 4754 #32

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
 REPORT ON HEP-EXPO
 LOCATED 50° 127' NW
 BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND

- INSTRUMENTATION:**
- MSPAR GP-70 PROTON PRESSION MAGNETOMETER
 To obtain total field add 55140 gammas
 - CREEK, INTERMITTENT
 - CREEK, WIDTH DEFINED, INFERRED
 - ROAD SURVEYED UNSURVEYED
 - SWAMP
 - CONTOUR INTERVAL 100 GAMMAS

SYMBOLS

- Transit Survey, Hubs
- Picker Line, Showing line and station designation
- Heq. Claim Boundary Unsurveyed, showing claim number and claim post
- Diamond Drill Hole

A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

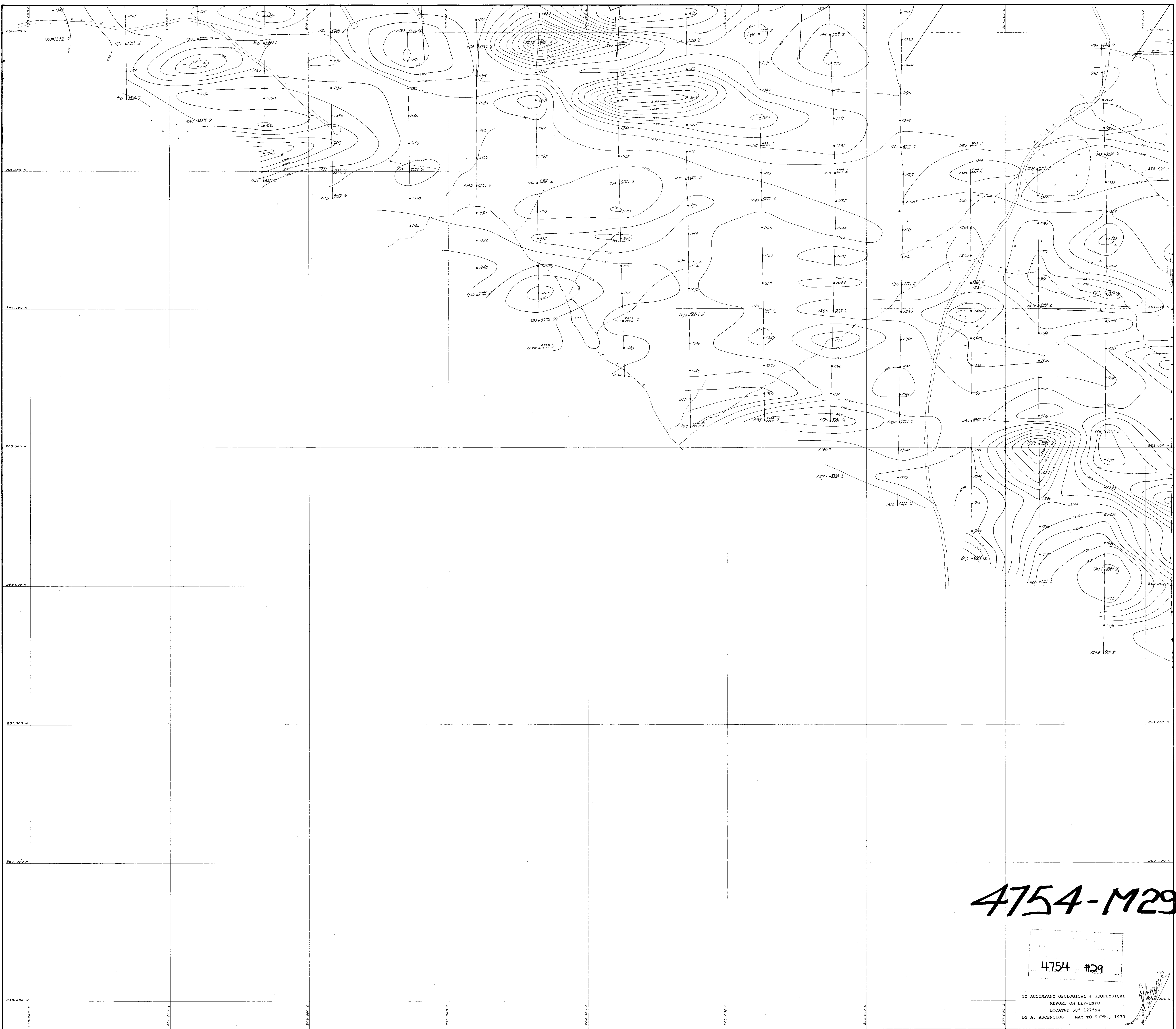
Plate 32

UTAH MINES LTD.
 MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
 VANCOUVER BRITISH COLUMBIA

EXPO GROUP
 VANCOUVER ISLAND, B. C.

GROUND MAGNETICS SURVEY
 TOTAL FIELD INTENSITY

Work by: J. Ministry Date: 5-19-73 NTS Ref: _____
 Drawn by: C.D. Revised: _____ MAP of D-4
 SCALE IN FEET



4754-M29

4754 #29

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEF-EXPO
LOCATED 50° 127' NN
BY A. ASCENCIOS MAY TO SEPT., 1973

LEGEND

- INSTRUMENTATION**
- MIPMAR GP-70 PROTON PRESSION MAGNETOMETER
To obtain total field add 53,140 gammas
 - CREEK, INTERMITTENT
 - CREEK, WIDTH DEFINED, INFERRED
 - ROAD, SURVEYED UNSURVEYED
 - SWAMP
 - CONTOUR INTERVAL 100 GAMMAS

SYMBOLS

- Transit Survey, Hubs
- Picket Line, Showing line and station designation
- Heb Claim Boundary Unsurveyed, showing claim number and claim post
- DH Diamond Drill Hole

GRID	1	2	3	4	5	6	7	8	9	10	11
A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11	
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11	
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11	
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11	
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11	
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11	
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11	



Plate 29

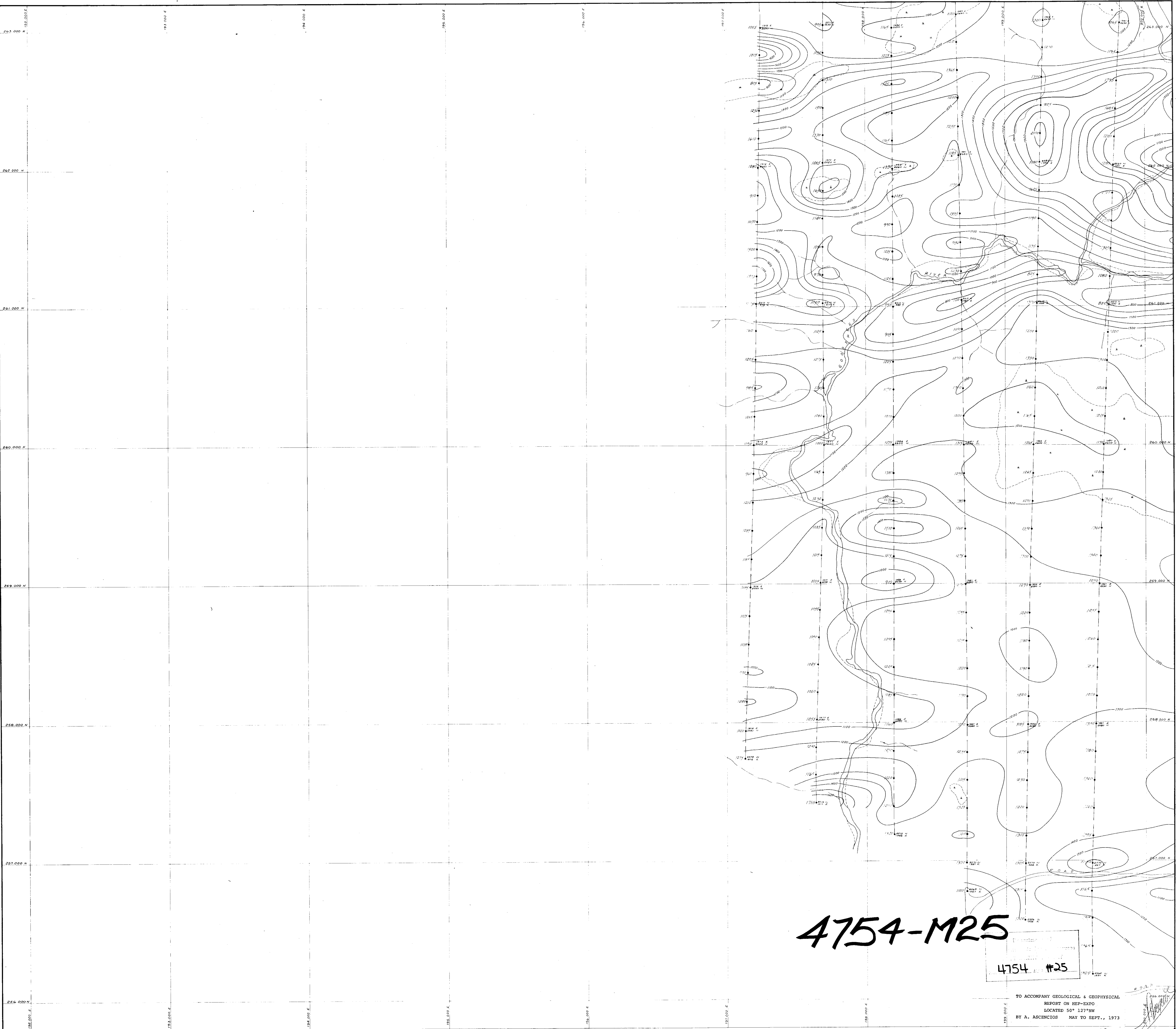
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VANCOUVER BRITISH COLUMBIA

EXPO GROUP
VANCOUVER ISLAND, B.C.

GROUND MAGNETICS SURVEY
TOTAL FIELD INTENSITY

Work by: A. Ascencios	Date: 1973	NTS Ref:
Drawn by: C.A.	Revised:	MAP C-22 of

SCALE IN FEET



4754-M25

4754 #25

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 12' NW
BY A. ASCENCIO MAY TO SEPT., 1973
Plate 25

LEGEND

- INSTRUMENTATION**
- MILMAG GP-70 PROTON PRECESSION MAGNETOMETER
To obtain total field add 95/49 gammas
 - CREEK, INTERMITTENT
 - CREEK, WIDTH DEFINED, INFERRED
 - ROAD, SURVEYED UNSURVEYED
 - SWAMP
 - CONTOUR INTERVAL 100 GAMMAS

SYMBOLS

- Transect Survey, Hubs
- Picket Line, Showing line and station designation
- Heq. Claim Boundary Unsurveyed, showing claim number and claim post
- Diamond Drill Hole

A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

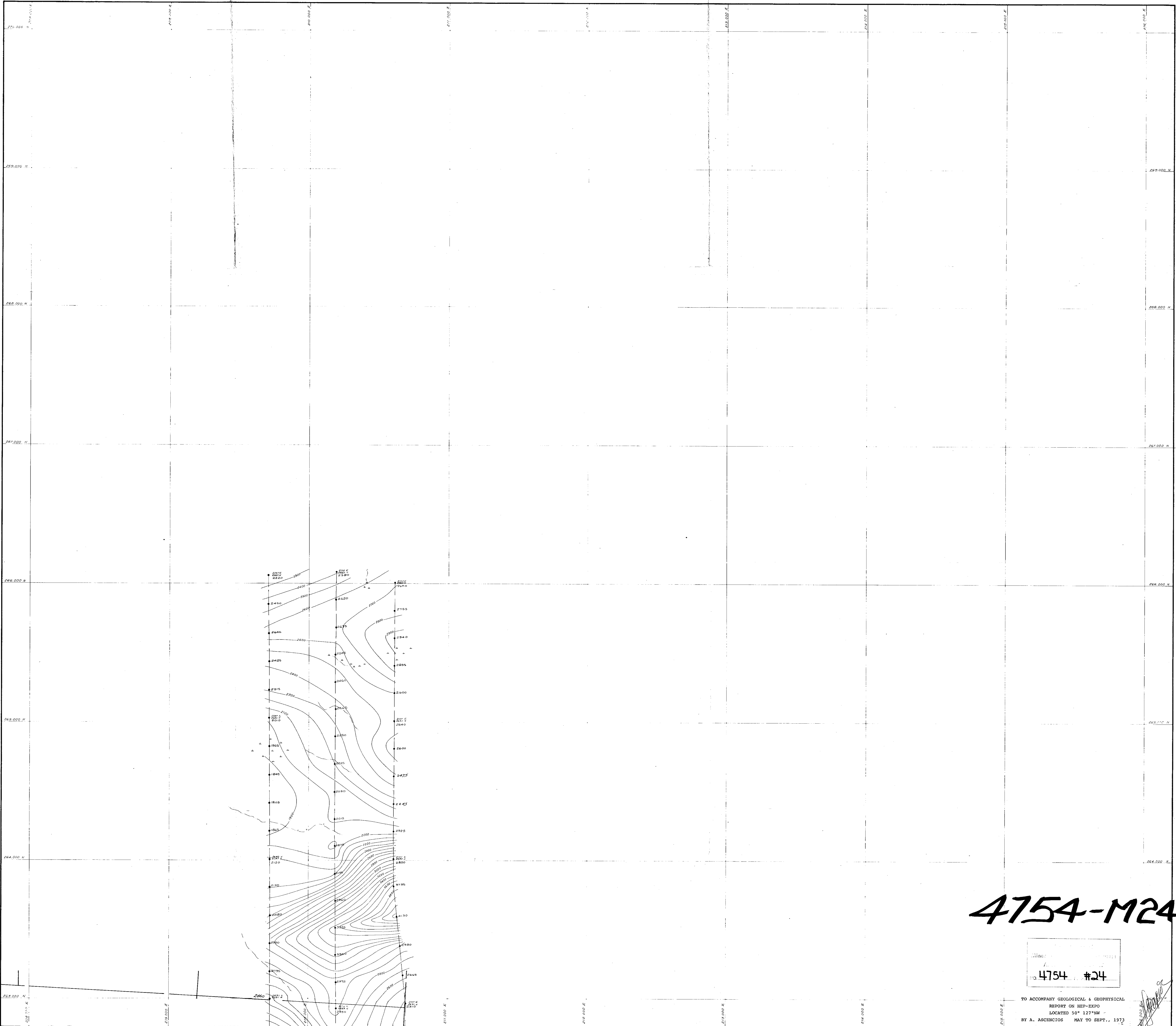
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VANCOUVER, BRITISH COLUMBIA

EXPO GROUP
VANCOUVER ISLAND, B. C.

GROUND MAGNETICS SURVEY
TOTAL FIELD INTENSITY

Work by: [Name] Date: [Date] NTS Ref: [Ref]
Drawn by: C.D. Revised: [Date] MAP B - 1 of 1

SCALE IN FEET



4754-M24

4754 #24

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' NW
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND

INSTRUMENTATION:

MPHAR GP-70 PROTON PRESSION MAGNETOMETER
To obtain total field add 55.40 gammas

CREEK, INTERMITTENT

CREEK, WIDTH DEFINED, INFERRED

ROAD SURVEYED UNSURVEYED

SWAMP

CONTOUR INTERVAL 100 GAMMAS

SYMBOLS

Transit Survey Hubs

Diamond Drill Hole

Picket Line, Showing line and station designation

Red Claim Boundary Unsurveyed, showing claim number and claim post

A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

Plate 24

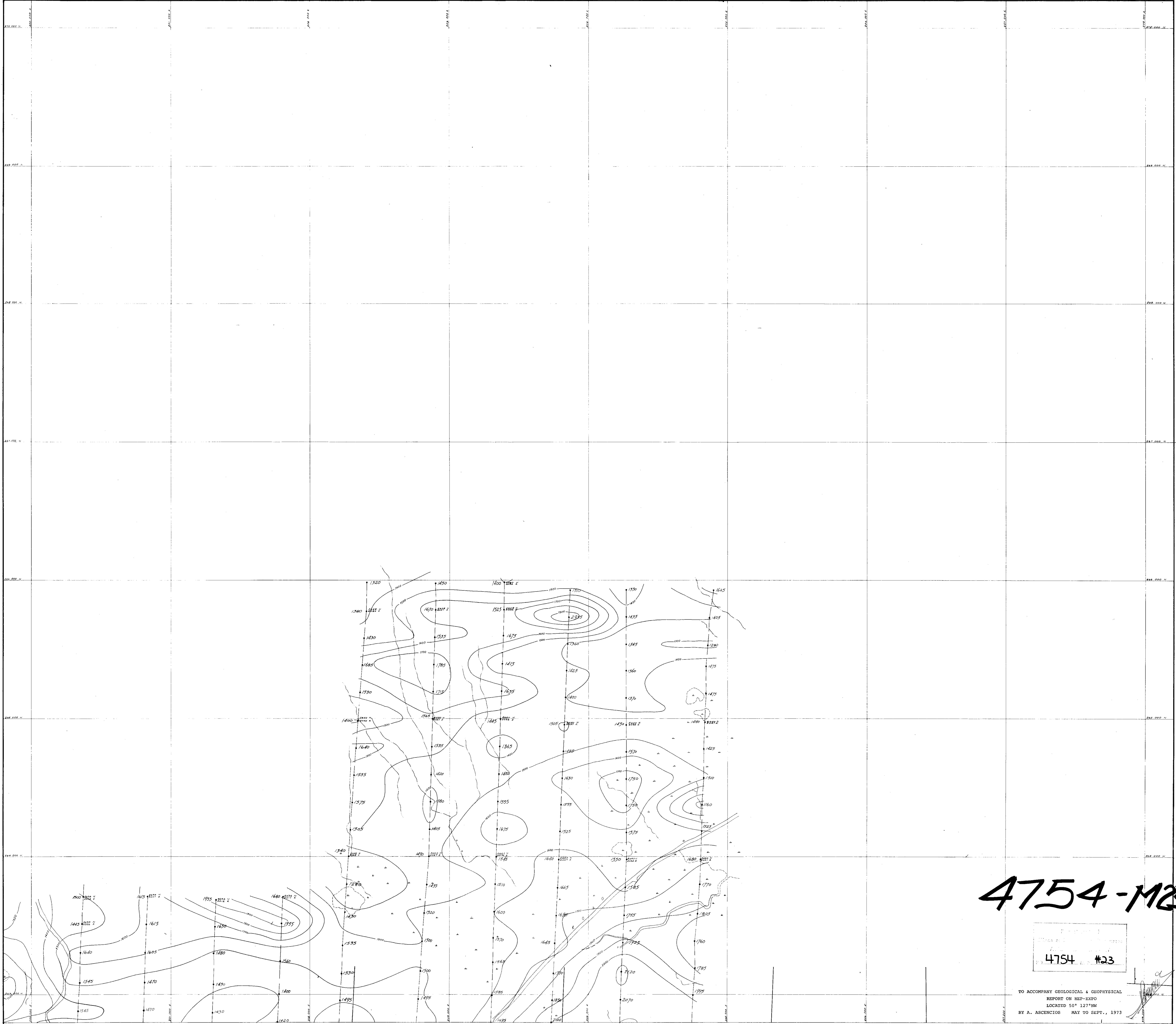
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VANCOUVER, BRITISH COLUMBIA

EXPO GROUP
VANCOUVER ISLAND, B. C.

GROUND MAGNETICS SURVEY
TOTAL FIELD INTENSITY

Work by: R. McPherson Date: May 73 NTS Ref:
Drawn by: C.P. Revised: MAP A-5 of

Scale: 1" = 100' (1:12500)



4754-M23

4754 #23

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' NN
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND

- INSTRUMENTATION**
- MAGNAR GP-70 PROTON PRESSION MAGNETOMETER
To obtain total field add 55140 gammas
 - CREEK, INTERMITTENT
 - CREEK, WIDTH DEFINED, INFERRED
 - ROAD SURVEYED UNSURVEYED
 - SWAMP
 - CONTOUR INTERVAL 100 GAMMAS

SYMBOLS

- Transit Survey, Mobs
- Picket Line, Showing line and station designation
- Hep Claim Boundary Unsurveyed, showing claim number and claim post
- Diamond Drill Hole

212000	212500	213000	213500	214000	214500	215000	215500	216000	216500	217000	217500	218000
A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11		
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11		
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11		
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11		
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11		
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11		
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11		
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11		

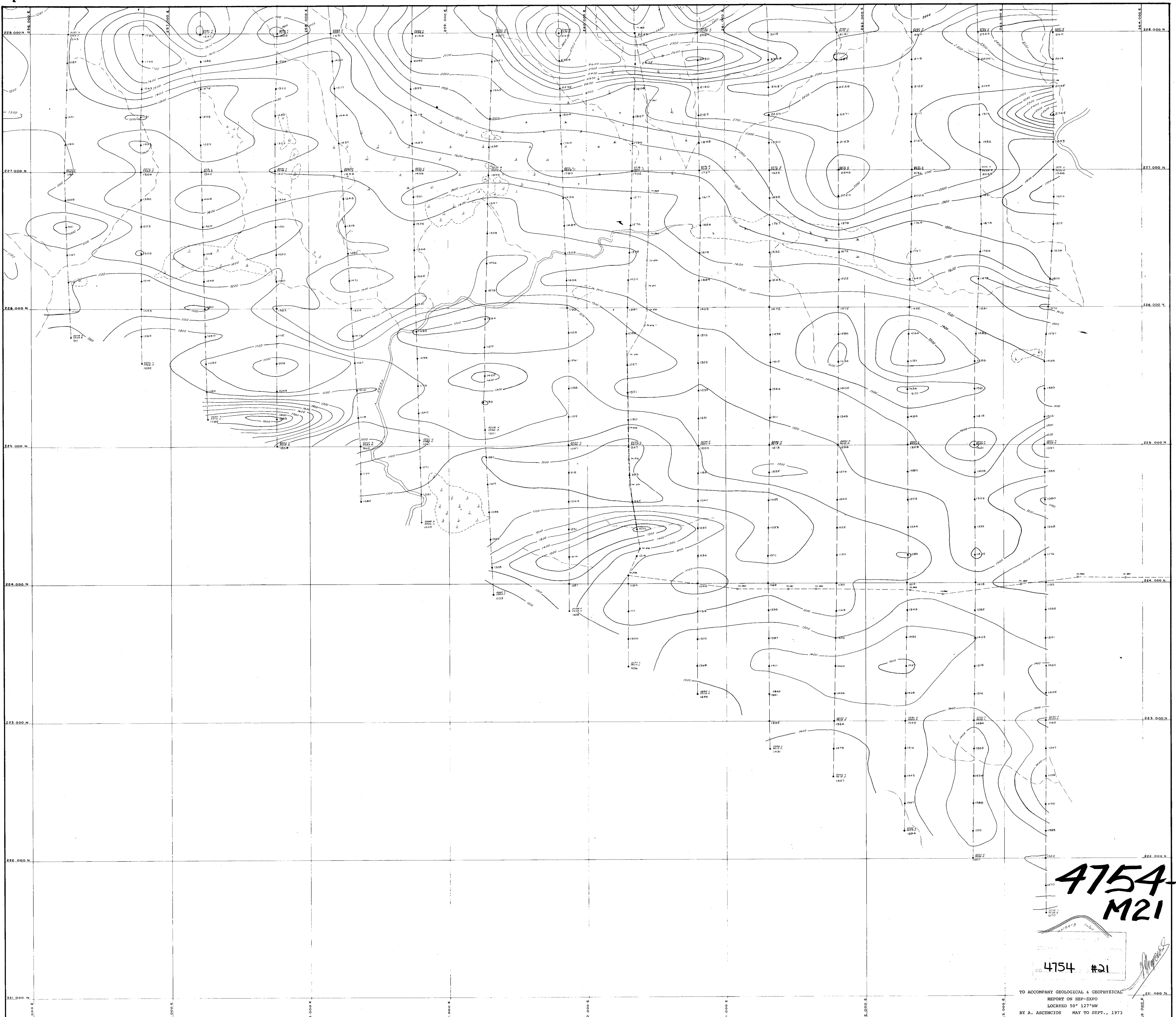
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VANCOUVER BRITISH COLUMBIA

EXPO GROUP
VANCOUVER ISLAND, B.C.

**GROUND MAGNETICS SURVEY
TOTAL FIELD INTENSITY**

Work by: [Signature] Date: [Date] NTS Ref: [Ref]
Drawn by: C.D. Revised: [Date] MAP of A-2

SCALE IN FEET



4754-M21

4754 #21

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' NN
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND

INSTRUMENTATION:

MUNAR GP-70 PROTON PRECESSION MAGNETOMETER
To obtain total field add 55040 gammas

CREEK, INTERMITTENT
CREEK, WIDTH DEFINED, INFERRED
ROAD SURVEYED UNSURVEYED
SWAMP

CONTOUR INTERVAL 100 GAMMAS

SYMBOLS

Transect Survey, Hubs

Diamond Drill Hole

Pickel Line, Showing line and station designation

Map Claim Boundary Unsurveyed, showing claim number and claim post

254000	255000	256000	257000	258000	259000	260000	261000
A-1	B-1	C-1	D-1	E-1	F-1	G-1	H-1
A-2	B-2	C-2	D-2	E-2	F-2	G-2	H-2
A-3	B-3	C-3	D-3	E-3	F-3	G-3	H-3
A-4	B-4	C-4	D-4	E-4	F-4	G-4	H-4
A-5	B-5	C-5	D-5	E-5	F-5	G-5	H-5
A-6	B-6	C-6	D-6	E-6	F-6	G-6	H-6
A-7	B-7	C-7	D-7	E-7	F-7	G-7	H-7
A-8	B-8	C-8	D-8	E-8	F-8	G-8	H-8
A-9	B-9	C-9	D-9	E-9	F-9	G-9	H-9
A-10	B-10	C-10	D-10	E-10	F-10	G-10	H-10
A-11	B-11	C-11	D-11	E-11	F-11	G-11	H-11
A-12	B-12	C-12	D-12	E-12	F-12	G-12	H-12

Plate 21

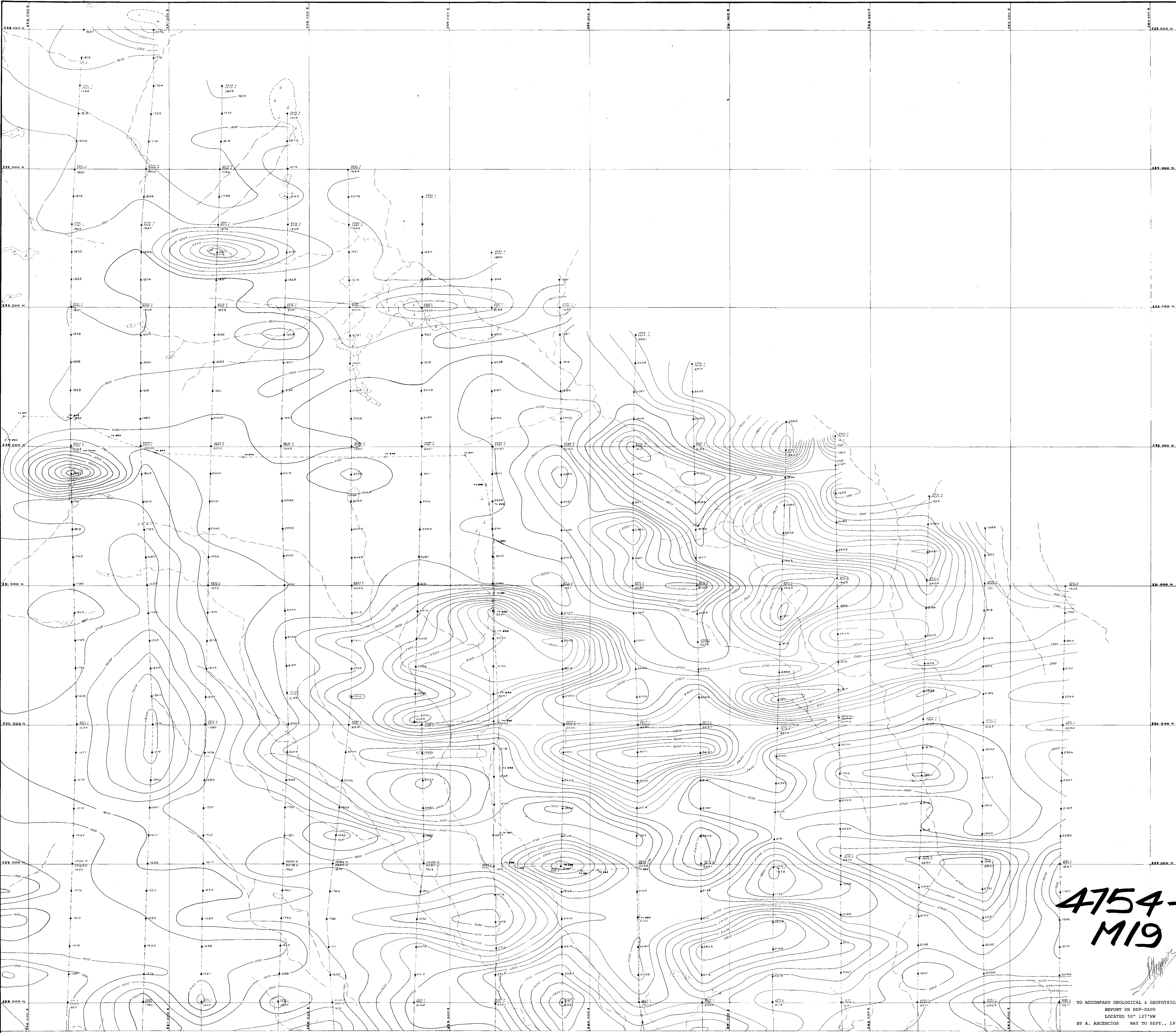
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VANCOUVER BRITISH COLUMBIA

EXPO GROUP
VANCOUVER ISLAND, B. C.

GROUND MAGNETICS SURVEY
TOTAL FIELD INTENSITY

Work by: *R. Wherry* Date: *May 73* NTS Ref:
Drawn by: *C.D.* Revised: MAP of G-9

SCALE IN FEET



4754-M19

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON NEP-EXPO
LOCATED 50° 127' NW
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND

INSTRUMENTATION:

MULHAR GP-70 PROTON PRECESSION MAGNETOMETER
To obtain total field and 55,040 gamma

CREEK, INTERMITTENT
CREEK, WIDTH DEFINED, INFERRED
ROAD SURVEYED UNSURVEYED
SWAMP

CONTOUR INTERVAL 100 GAMMAS

SYMBOLS

Transit Survey Hubs
Picket Line, Showing line and station designation
Diamond Drill Hole
Claim Boundary Unsurveyed, showing claim number and claim post

101	102	103	104	105	106	107	108	109	110	111
A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

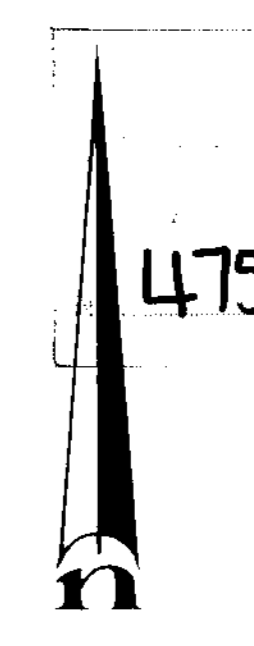


Plate 13

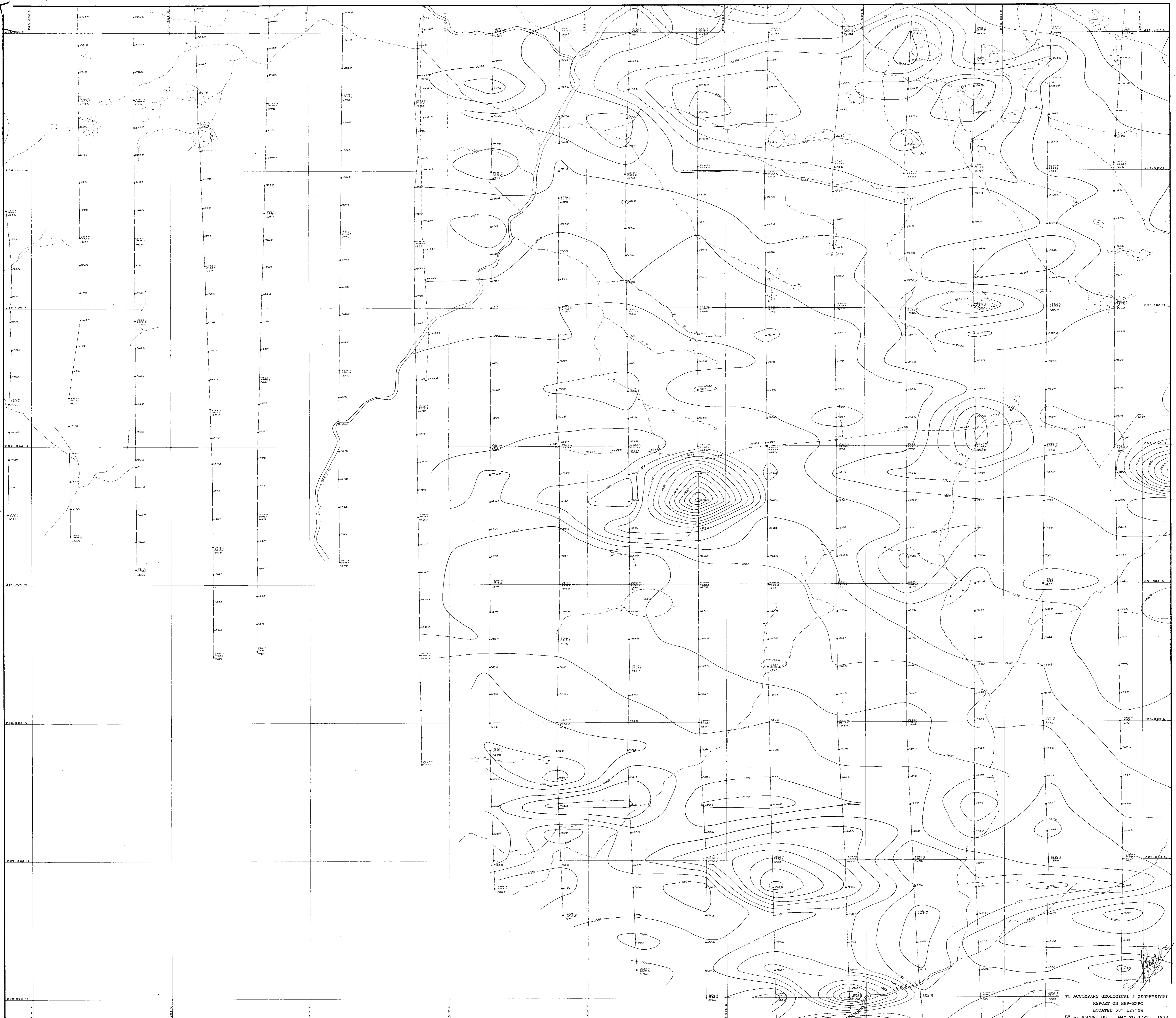
UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

EXPO GROUP
#19 VANCOUVER ISLAND, B.C.

GROUND-MAGNETICS SURVEY
TOTAL FIELD INTENSITY

Work by: J. Williams Date: Dec. 11 NTS Ref. of: F-9
Drawn by: C.D. Revised: MAP

Scale: 1" = 1000 FEET



TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON BEB-1820
LOCATED 50° 12' N W
BY A. ASCENCIO MAY TO SEPT., 1973

LEGEND

INSTRUMENTATION:

MCPHAR GP-70 PROTON PRECESSION MAGNETOMETER
To obtain total field add 55040 gammas

- CREEK, INTERMITTENT
- CREEK, WIDTH DEFINED, INFERRED
- ROAD SURVEYED UNSURVEYED
- SWAMP
- CONTOUR INTERVAL 100 GAMMAS

SYMBOLS

- Transit Survey, Hubs
- Diamond Drill Hole
- Parcel Line, Showing line and station designation
- Unsurveyed Claim Boundary, showing claim number and claim post

A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

Plate 15

UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

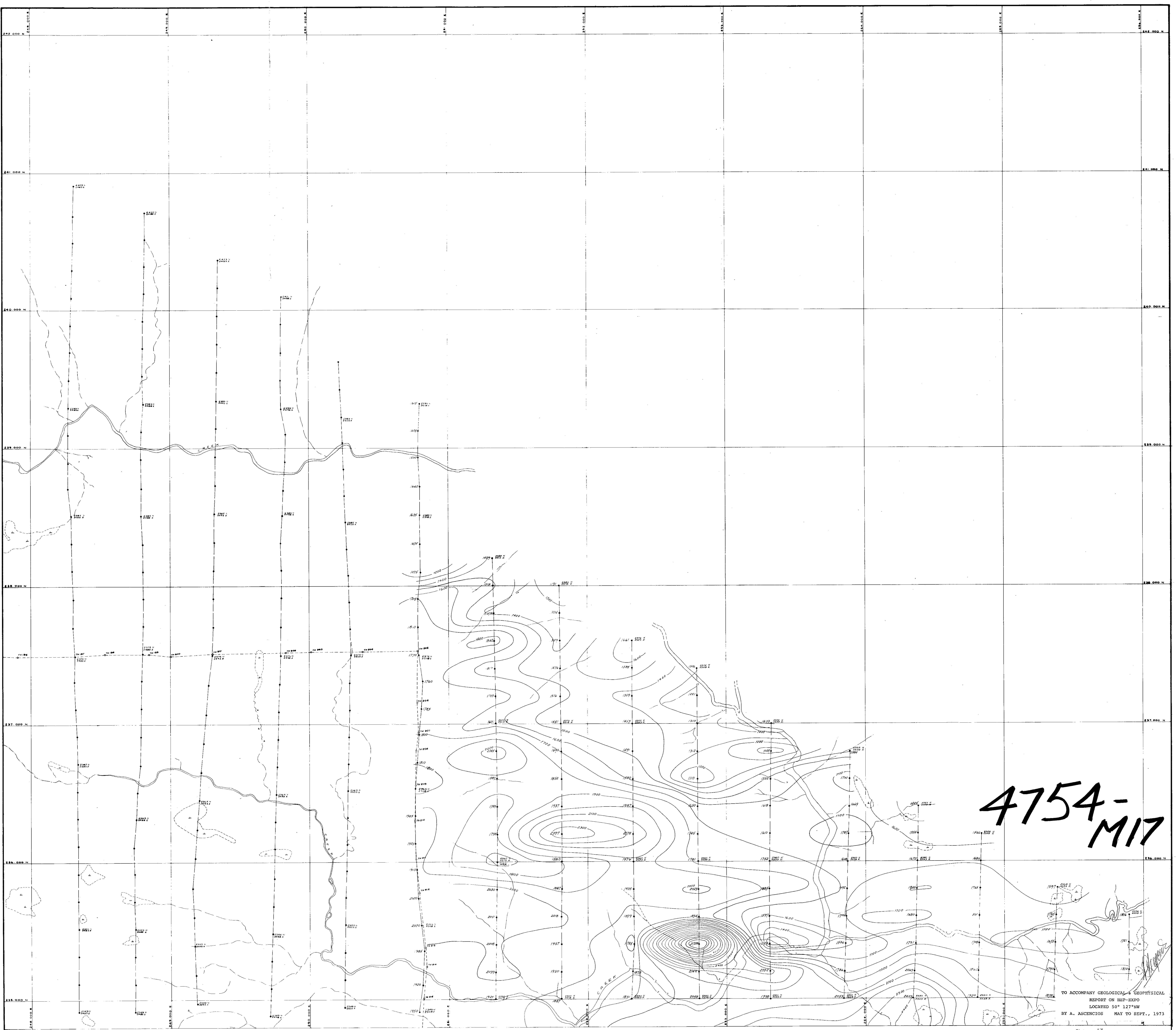
4754 #18 EXPO GROUP
VANCOUVER ISLAND, B. C.

GROUND MAGNETICS SURVEY
TOTAL FIELD INTENSITY

Work by: *R. McPhar* Date: 5-1-73 NTS Ref: _____
Drawn by: *C.A.* Revised: _____ MAP of P-18

SCALE IN FEET
0 100 200 300 400 500

4754-
M18



4754-M17

LEGEND

INSTRUMENTATION:

MILHAR GP-70 PROTON PRECESSION MAGNETOMETER
To obtain total field add 55040 gammas

- CREEK, INTERMITTENT
- CREEK, WIDTH DEFINED, INFERRED
- ROAD SURVEYED UNSURVEYED
- SWAMP
- CONTOUR INTERVAL 100 GAMMAS

SYMBOLS

- Transit Survey, Hubs
- Picket Line, Showing line and station designation
- Hap Claim Boundary Unsurveyed, showing claim number and claim post
- Diamond Drill Hole

A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL REPORT ON HBP-EXPO LOCATED 50° 127' NW BY A. ASCENCIOS MAY TO SEPT., 1973

Plate 17

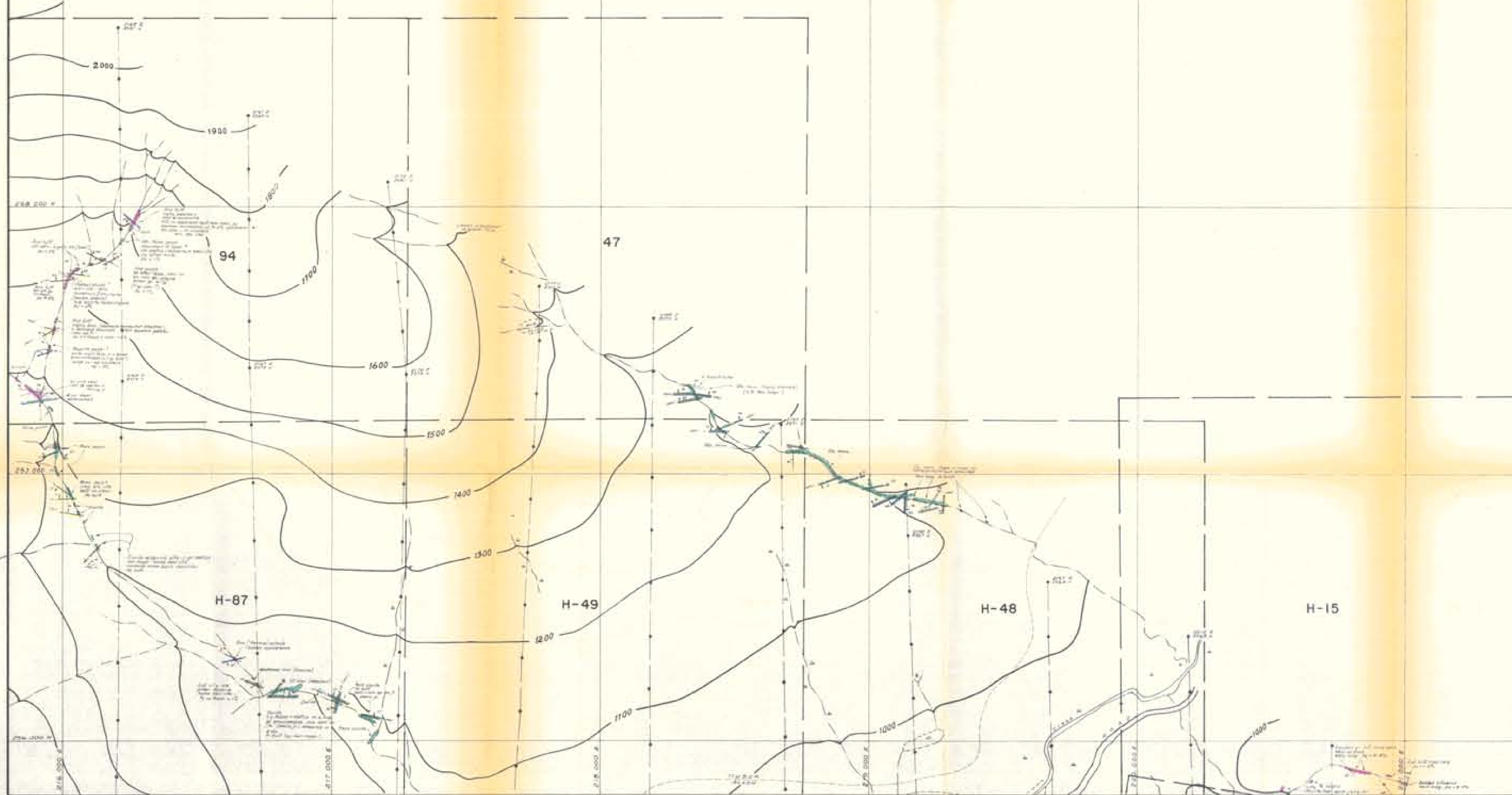
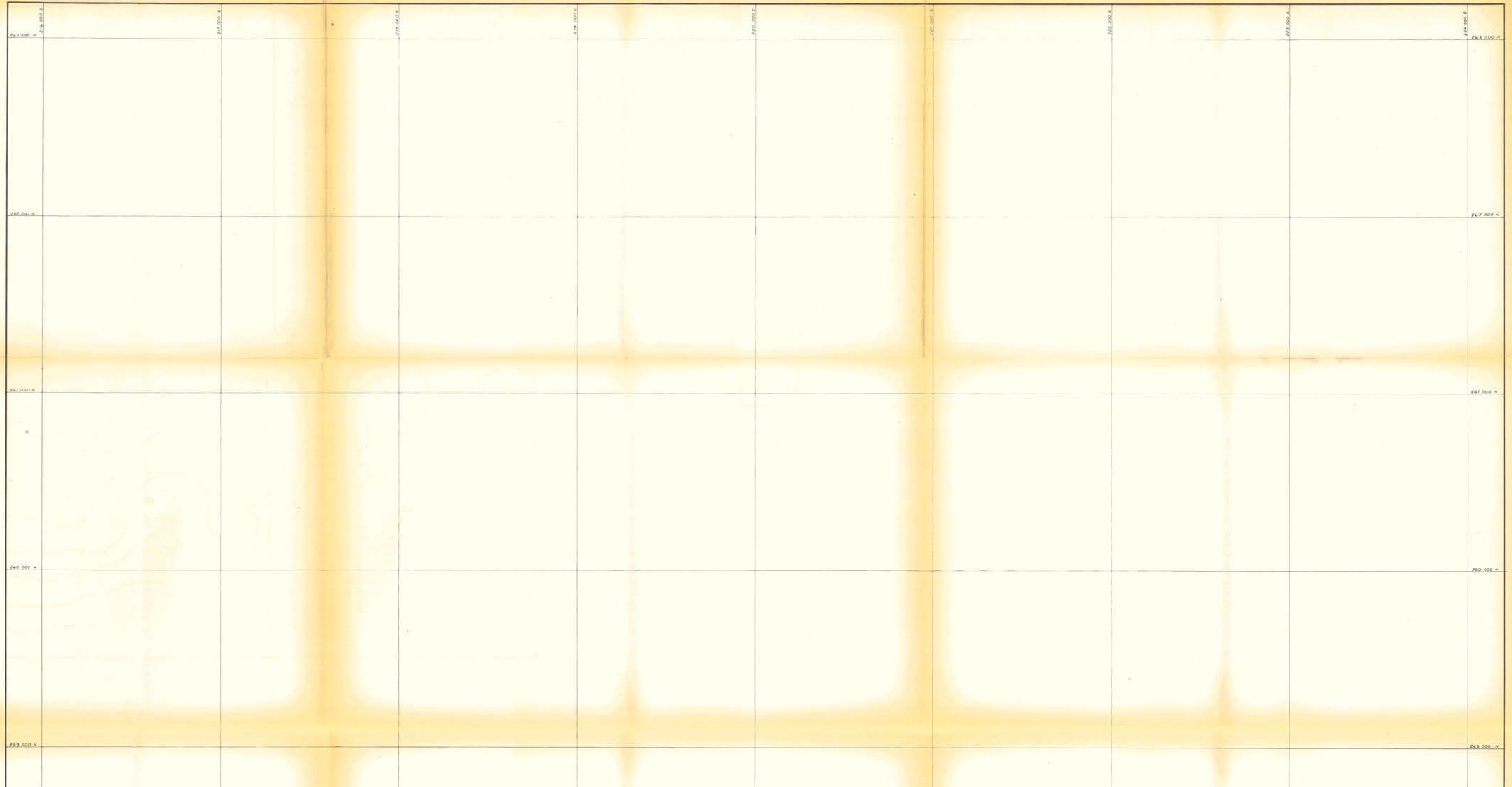
UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER, BRITISH COLUMBIA

4754 #17 EXPO GROUP
VANCOUVER ISLAND, B. C.

GROUND MAGNETICS SURVEY
TOTAL FIELD INTENSITY

Work by: *[Signature]* Date: *[Date]* NTS Ref: *[Ref]*
Drawn by: C.O. Revised: *[Date]* MAP of: E-8

Scale: 1" = 1000'



4754-M12

4754 #12

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 12' NW
BY A. ASCENCIO MAY TO SEPT., 1973

Plate 12

LEGEND

- INTRUSIVE ROCKS**
- Granite
 - Diorite, Gabbro, Basalt, and other mafic rocks
 - Gneiss
 - Quartzite
 - Metasediments
- VOLCANIC ROCKS**
- Basaltic andesite
 - Andesite
 - Basalt
 - Basaltic breccia
 - Basaltic breccia
 - Basaltic breccia
 - Basaltic breccia
 - Basaltic breccia
 - Basaltic breccia
 - Basaltic breccia
 - Basaltic breccia
- Other features:**
- Fault, normal, thrust, strike-slip, oblique-slip
 - Fault, blind, along strike
 - Fault, along strike
 - Fault, along strike
 - Fault, along strike
 - Fault, along strike
 - Fault, along strike
 - Fault, along strike
 - Fault, along strike
 - Fault, along strike
 - Fault, along strike
 - Fault, along strike

SECTION	1	2	3	4	5	6	7	8	9	10	11
A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	A-10	A-11	
B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9	B-10	B-11	
C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11	
D-1	D-2	D-3	D-4	D-5	D-6	D-7	D-8	D-9	D-10	D-11	
E-1	E-2	E-3	E-4	E-5	E-6	E-7	E-8	E-9	E-10	E-11	
F-1	F-2	F-3	F-4	F-5	F-6	F-7	F-8	F-9	F-10	F-11	
G-1	G-2	G-3	G-4	G-5	G-6	G-7	G-8	G-9	G-10	G-11	
H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11	



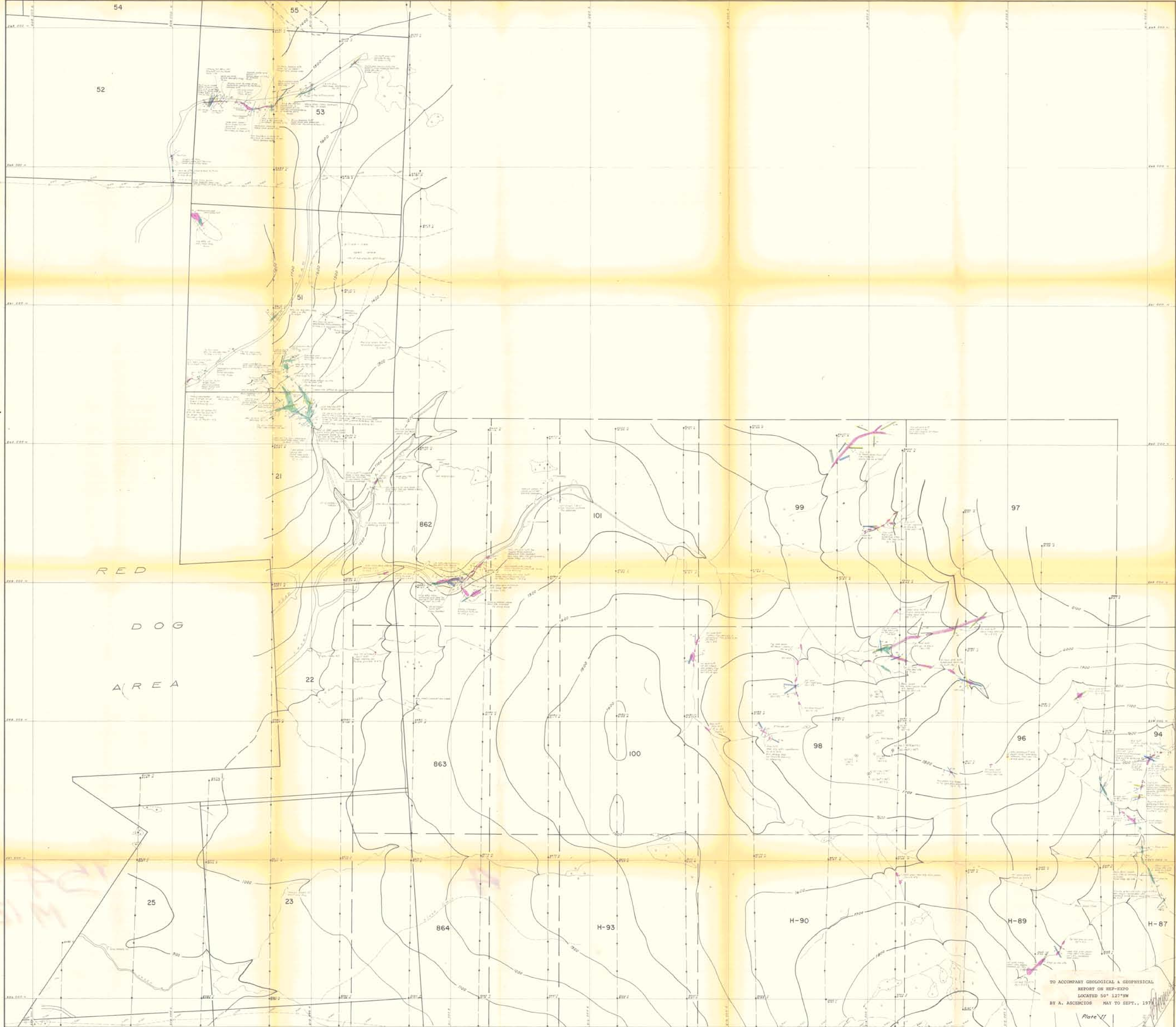
UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

EXPO GROUP
GEOLOGY MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Work by A. Ascencio Date: Oct 1973 NTS Ref:
Drawn by C.D./E.H. Revised: MAP of B-4

Scale: 1" = 1000'



TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 12' NW
BY A. ASCENCIO MAY TO SEPT., 1971

Plate VI

- LEGEND**
- INTRUSIVE ROCKS:**
- Granite
 - Granite, Diorite, Gabbro, Quartz Diorite
 - Granite (?) Breccia
- VOLCANIC ROCKS:**
- Basaltic Volcanics
 - Complex Pyroclastic Breccia
 - Siliceous Breccia
- Other Symbols:**
- Road
 - Pipeline
 - Boundary of property
 - Contour line
 - Creek
 - Road

1000	900	800	700	600	500	400	300	200	100	0
1000	900	800	700	600	500	400	300	200	100	0
1000	900	800	700	600	500	400	300	200	100	0
1000	900	800	700	600	500	400	300	200	100	0
1000	900	800	700	600	500	400	300	200	100	0
1000	900	800	700	600	500	400	300	200	100	0
1000	900	800	700	600	500	400	300	200	100	0
1000	900	800	700	600	500	400	300	200	100	0
1000	900	800	700	600	500	400	300	200	100	0
1000	900	800	700	600	500	400	300	200	100	0

UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRANCH-COLUMBIA

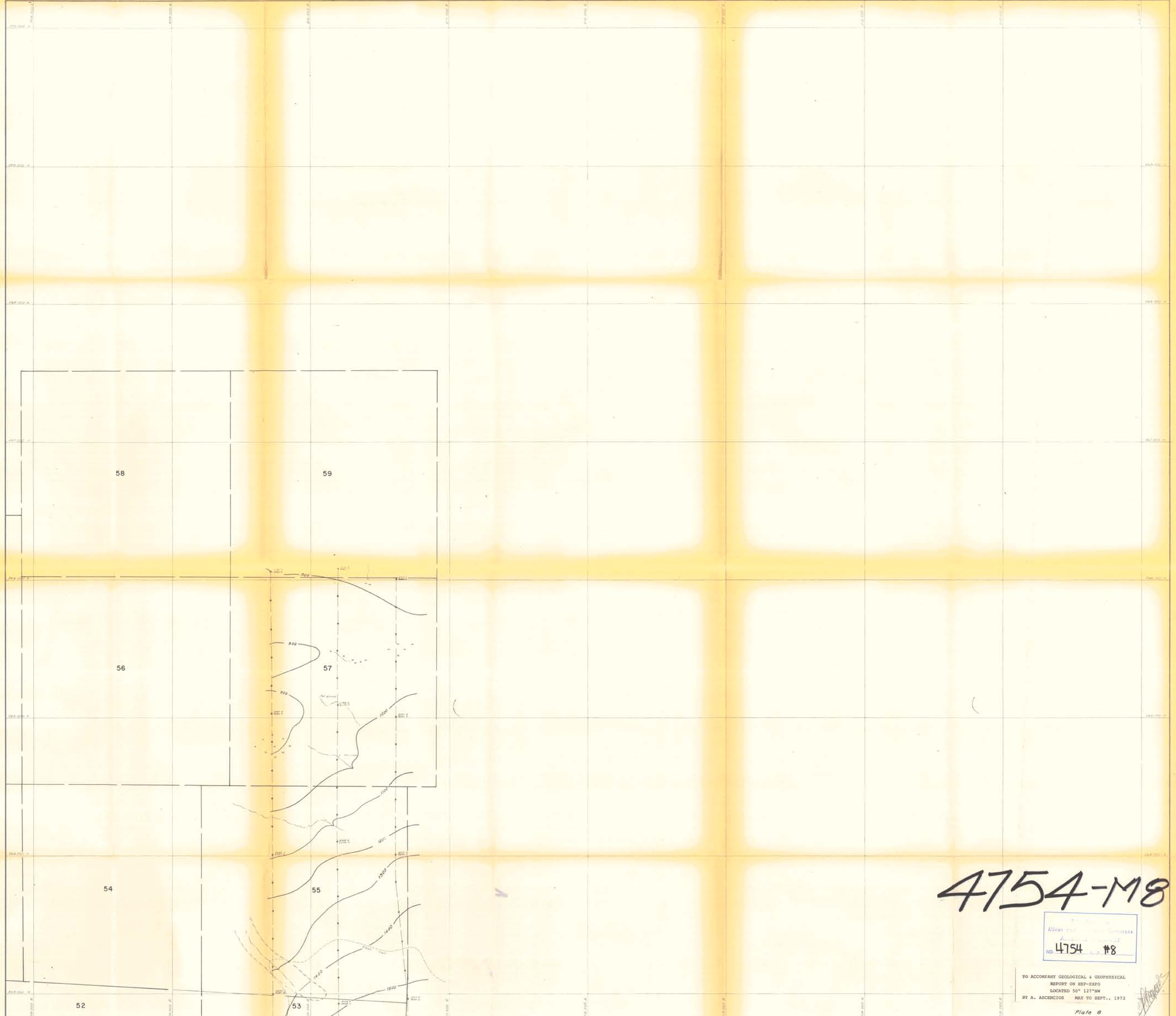
4754 MAP #11 EXPO GROUP
GEOLOGY MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Work by *A. Ascencio* Date *May 1971* NTS Ref. *B-3*
Drawn by *C.P.E.M.* Revised *MAP* of *B-3*

Scale 1:50,000
Scale in Feet

4754-M11



4754-M8

Almas
NO 4754 #8

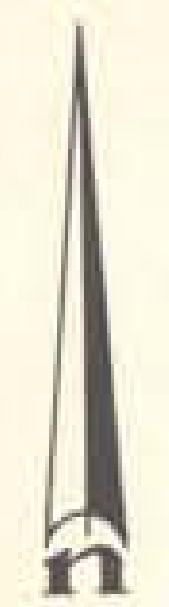
TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' NW
BY A. ASCENCIO MAY TO SEPT., 1973

Plate 8

LEGEND

- IGNEOUS ROCKS:**
- Granite
 - Diabase
 - Basalt (?) Breccia
- VOLCANIC ROCKS:**
- SOMAZIA VOLCANIC
 - Complex Pyroclastic Breccia
 - SILICEOUS BRECCIA
- Other Symbols:**
- Steep slope, scarp, normal fault, hanging wall, basement, etc.
 - North-south, strike-slip, normal, thrust, etc.
 - Flow, bedding, etc.
 - Boundary of outcrop, etc.
 - Creek, etc.
 - Road, etc.
 - Quartz veins, etc.
 - Spindle, etc.

	A	B	C	D	E	F	G	H
1	A-1	B-1	C-1	D-1	E-1	F-1	G-1	H-1
2	A-2	B-2	C-2	D-2	E-2	F-2	G-2	H-2
3	A-3	B-3	C-3	D-3	E-3	F-3	G-3	H-3
4	A-4	B-4	C-4	D-4	E-4	F-4	G-4	H-4
5	A-5	B-5	C-5	D-5	E-5	F-5	G-5	H-5
6	A-6	B-6	C-6	D-6	E-6	F-6	G-6	H-6
7	A-7	B-7	C-7	D-7	E-7	F-7	G-7	H-7
8	A-8	B-8	C-8	D-8	E-8	F-8	G-8	H-8
9	A-9	B-9	C-9	D-9	E-9	F-9	G-9	H-9
10	A-10	B-10	C-10	D-10	E-10	F-10	G-10	H-10
11	A-11	B-11	C-11	D-11	E-11	F-11	G-11	H-11



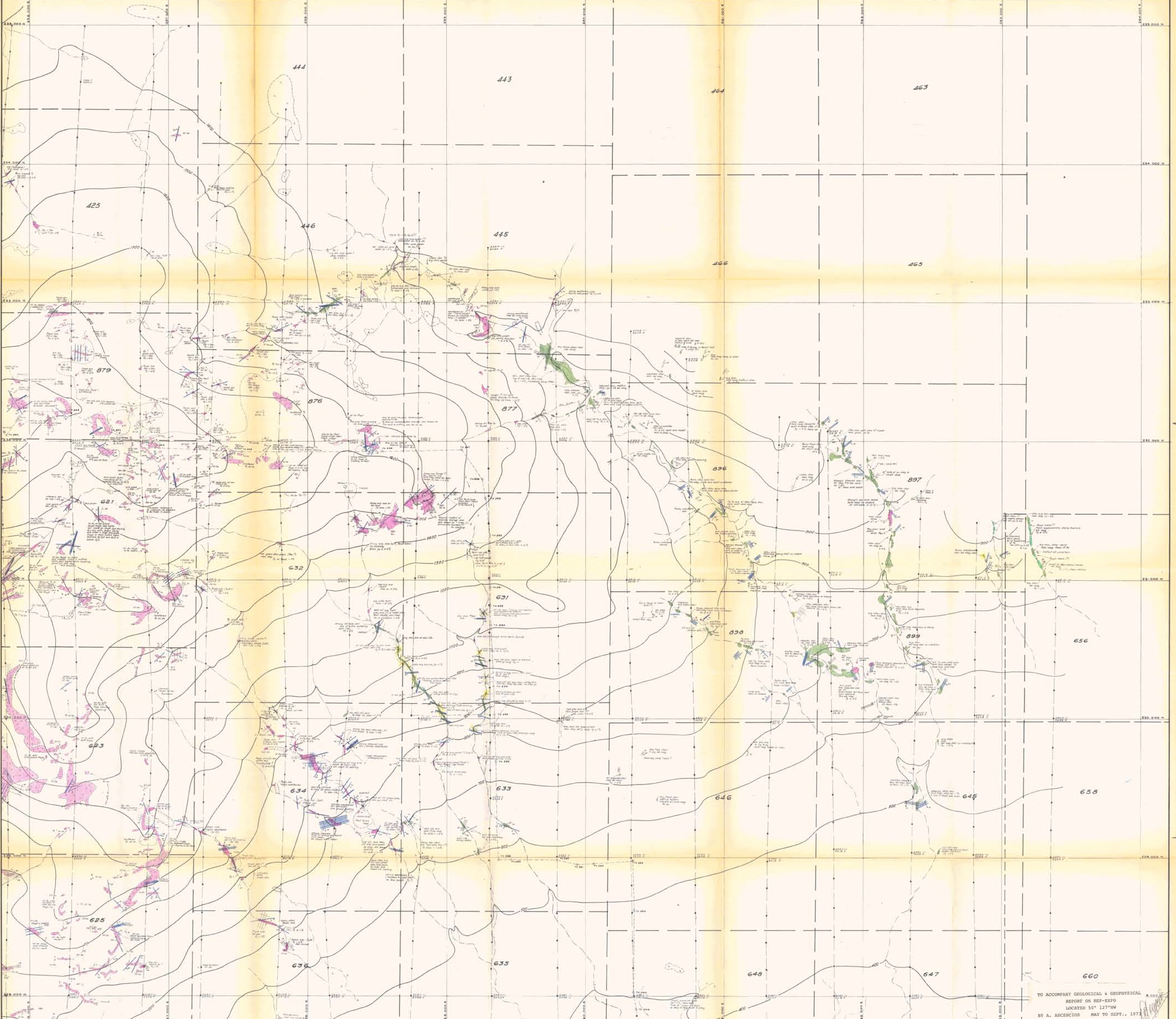
UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

**EXPO GROUP
GEOLOGY MAP**

VANCOUVER ISLAND BRITISH COLUMBIA

Scale: 1:50,000

Map of A-3



LEGEND

TO ACCOMPANY GEOLOGICAL & GEOPHYSICAL
REPORT ON HEP-EXPO
LOCATED 50° 127' NW
BY A. ASCENCIO MAY TO SEPT., 1973

1	2	3	4	5	6	7	8	9	10	11
A	B	C	D	E	F	G	H	I	J	K
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41	42	43	44
45	46	47	48	49	50	51	52	53	54	55
56	57	58	59	60	61	62	63	64	65	66
67	68	69	70	71	72	73	74	75	76	77
78	79	80	81	82	83	84	85	86	87	88
89	90	91	92	93	94	95	96	97	98	99
100	101	102	103	104	105	106	107	108	109	110

Plate 3

UTAH MINES LTD.
MINERAL EXPLORATION & DEVELOPMENT DEPARTMENT
VANCOUVER BRITISH COLUMBIA

4754 #3 EXPO GROUP

GEOLOGY MAP

VANCOUVER ISLAND BRITISH COLUMBIA

Work by A. Ascencio Date 1973 NTS Ref
Drawn by C.P.A. Revised MAP of F-9

Scale 1" = 1000' FEET

4754-13

