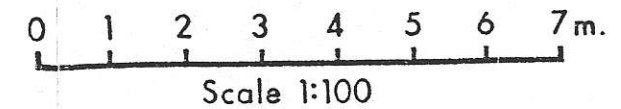


GEOLOGICAL LEGEND:

- 1a ARGILLITE
- 1b LIMY ARGILLITE
- 1c ARKOSIC ARGILLITE
- 2a PHYLITE, WELL DEVELOPED FOLIATION
- 2b PHYLITE, INTERMEDIATE FOLIATION
- 2c PHYLITE, POORLY DEVELOPED FOLIATION
- 2d LIMY PHYLITE
- 2e ARKOSIC PHYLITE
- 3 SCHIST
- 4a ARKOSE
- 4b META-ARKOSE (INCLUDES PHYLITIC ARKOSE)
- 4c LIMY ARKOSE
- 5a MEDIUM-GRAINED GRIT
- 5b COARSE-GRAINED GRIT
- 5c META-GRIT
- 5d LIMY GRIT
- 5e QUARTZ-PERLE CONGLOMERATE
- 5b QUARTZ-PERLE CONGLOMERATE WITH CLAY
- 5c META-CONGLOMERATE (ELONGATED PEBBLES,
- 7a CARBONATE BRECCIA
- 7b COLYRIC CARBONATE BRECCIA
- 8 QUARTZITE
- 9 QUARTZ VEINS

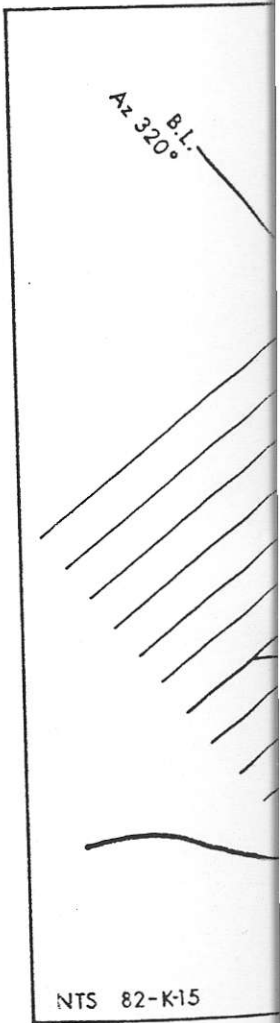
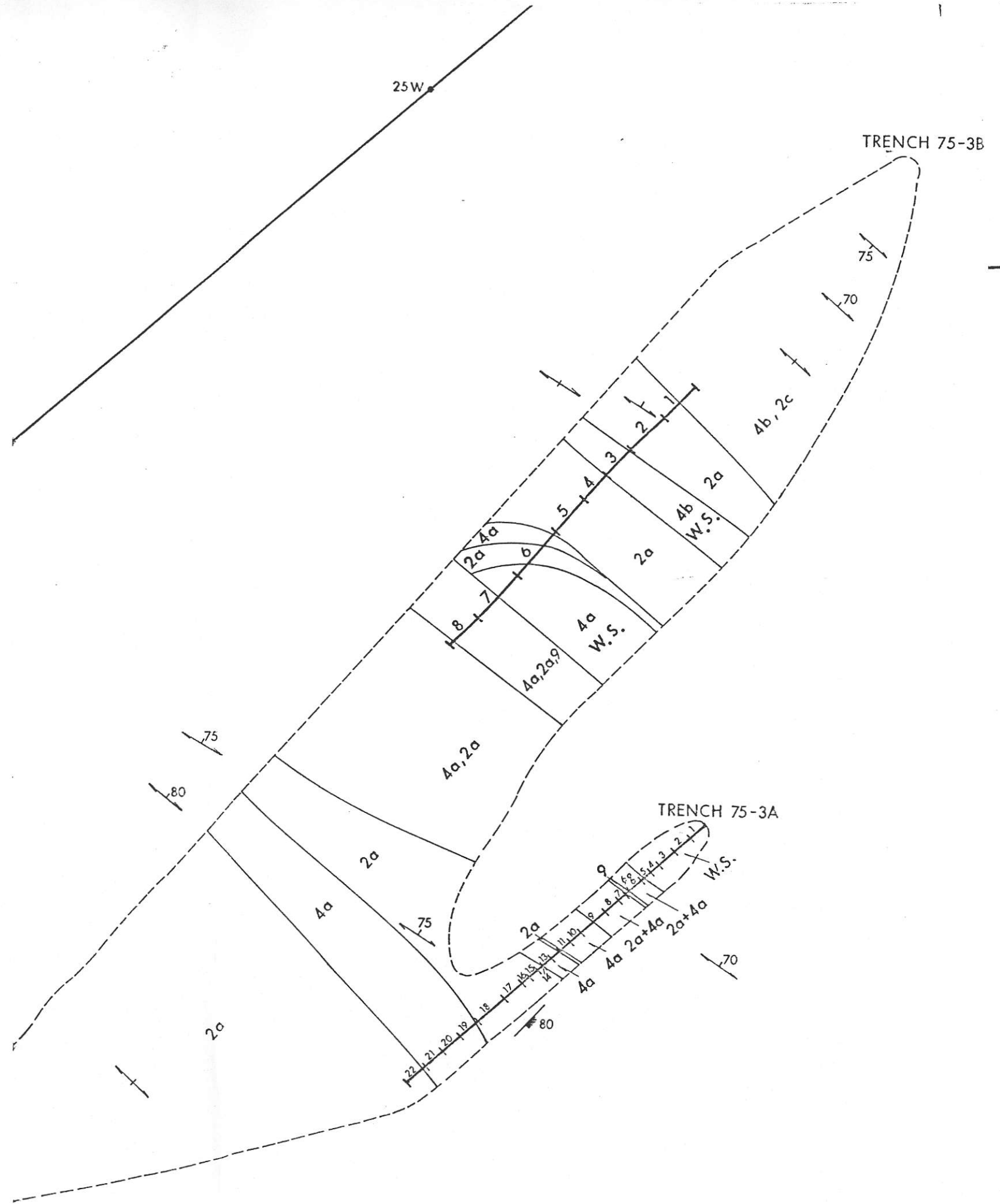
Norcen
Energy Resources Limited

COCHRANE OIL AND GAS OPTION
CRYSTAL CREEK PROJECT
BRITISH COLUMBIA
TRENCH MAP TR 75-3



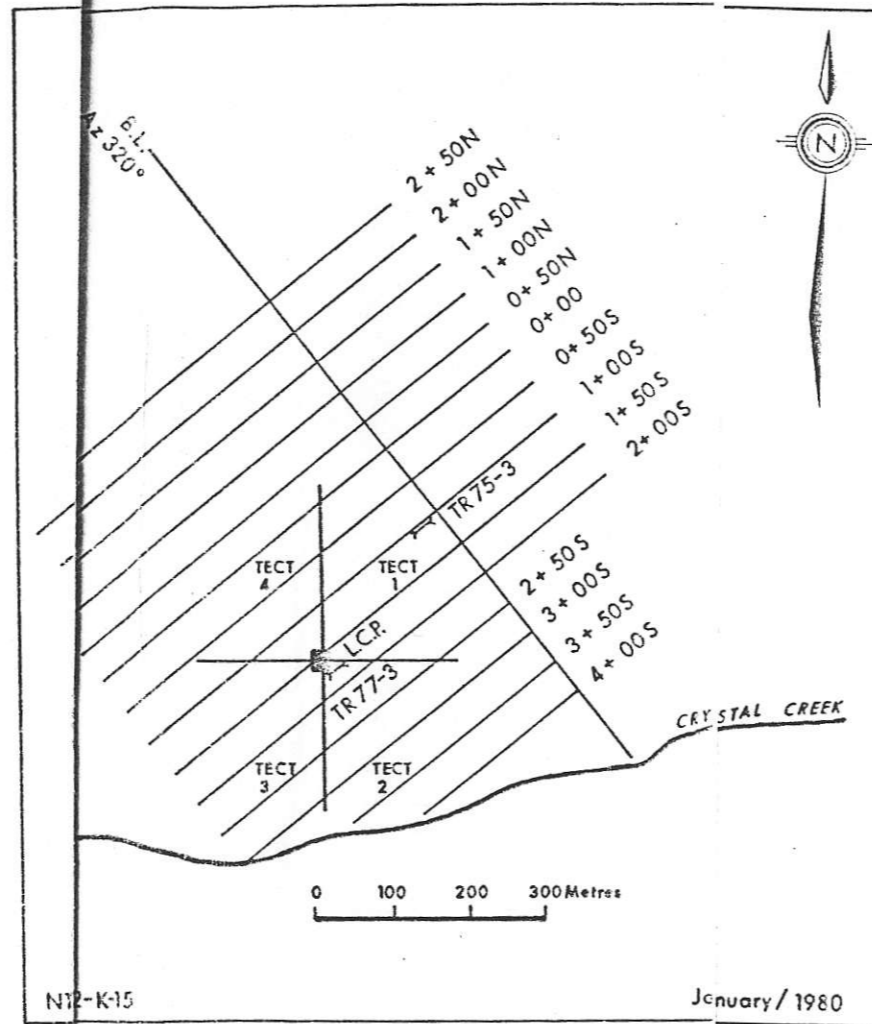
SAMPLE No.	SAMPLE WIDTH METRES	OZ./TON GOLD	OZ./TON SILVER	% Cu	% Pb	% Zn	% Cd	% Sb
75-3B-1	1.0	Trace	.06	.01	.24	.17	Trace	.02
75-3B-2	1.0	Trace	1.82	.02	2.02	.14	Trace	.02
75-3B-3	.7	Trace	8.08	.10	9.39	5.32	.03	.05
75-3B-4	.7	Trace	2.84	.03	3.20	4.10	.02	.03
75-3B-5	.9	Trace	.54	.02	.20	.12	Trace	.03
75-3B-6	1.25	Trace	.02	.01	.06	.08	Trace	.02
75-3B-7	1.25	Trace	5.06	.09	4.80	1.85	.01	.04
75-3B-8	.8	Trace	.52	.01	.40	.17	Trace	.02

SAMPLE No.	SAMPLE WIDTH	OZ./TON GOLD	OZ./TON SILVER	% Cu	% Pb	% Zn	% Cd	% Sb
75-3A-1	.50	.010	2.50	.04	2.08	2.45	.02	.02
75-3A-2	.44	.010	.46	.02	.62	.52	.01	.02
75-3A-3	.50	Trace	.48	.03	.36	.75	.01	.02
75-3A-4	.22	Trace	.16	.02	.12	.19	Trace	.03
75-3A-5	.30	Trace	.18	.02	.26	.18	Trace	.02
75-3A-6	.50	Trace	.02	.01	.08	.10	Trace	.01
75-3A-6A	.18	Trace	.58	.01	.46	.12	Trace	.03
75-3A-7	.40	Trace	.56	.01	.06	.07	Trace	.02
75-3A-8	.40	.020	.68	.01	.14	.36	Trace	.03
75-3A-9	.75	.020	.36	.01	.16	.32	Trace	.03
75-3A-10	.30	.010	.36	Trace	.02	.08	Trace	.02
75-3A-11	.27	Trace	.02	.01	.02	.12	Trace	.03
75-3A-12	.25	Trace	.08	.01	.30	.89	Trace	.02
75-3A-13	.25	Trace	.02	.01	.02	.20	Trace	.01
75-3A-14	.15	Trace	.34	.01	Trace	.07	Trace	.02
75-3A-15	.25	Trace	.02	.01	Trace	.16	Trace	.03
75-3A-16	.20	Trace	.02	.01	.02	.10	Trace	.02
75-3A-17	.50	Trace	.20	.01	Trace	.15	Trace	.02
75-3A-18	.80	Trace	.22	.01	Trace	.18	Trace	.02
75-3A-19	.50	Trace	1.28	.02	1.64	1.45	Trace	.03
75-3A-20	.50	Trace	.06	.02	.10	2.50	.02	.02
75-3A-21	.50	Trace	1.10	.04	1.06	3.55	.03	.04



77-3

SAMPLE No.	WIDTH METRES	GRAVIMETRIC GOLD	GRAVIMETRIC SILVER	Cu	Pb	Zn	Cd	Sb
77-3-1	.55	Trace	.02	.01	Trace	.07	Trace	.04
77-3-2	.6	Trace	.02	.01	.10	.37	Trace	.03
77-3-3	.5	Trace	.02	.01	.08	.50	Trace	.02
77-3-4	.45	Trace	.02	.01	.06	.22	Trace	.03
77-3-5	.59	Trace	.02	.01	.04	.31	Trace	.02
77-3-6	.34	Trace	.50	.01	.60	.78	Trace	.03
77-3-6A	.44	Trace	.76	.03	.94	3.20	.02	.03
77-3-7	.46	.010	2.69	.03	2.56	5.65	.03	.04
77-3-7A	.26	Trace	.50	.01	.62	2.45	.02	.04
77-3-8	.34	.010	2.23	.03	1.58	.88	.01	.04
77-3-9	.49	Trace	2.28	.03	2.62	4.59	.03	.04
77-3-9A	.2	Trace	.02	.02	.16	2.40	.01	.02
77-3-10	.51	Trace	.02	.03	1.06	5.55	.04	.05
77-3-11	.55	Trace	.22	.02	.54	2.74	.02	.01
77-3-12	.7	.010	18.73	.15	6.21	2.75	.02	.13
77-3-13	.56	.010	2.65	.06	1.96	.99	Trace	.05
77-3-14	.69	Trace	.78	.03	.64	1.40	.01	.08
77-3-15	.3	Trace	.02	.01	.08	.33	Trace	.04
77-3-16	.39	Trace	.02	.01	.10	.27	Trace	.02
77-3-17	.42	Trace	.18	.01	.26	.73	.01	.03
77-3-18	.64	Trace	.02	.01	.04	.38	Trace	.03
77-3-19	.44	Trace	.02	.01	.02	.28	Trace	.02
77-3-20	.56	Trace	.02	.01	.04	.22	Trace	.04
77-3-21	.35	Trace	.44	.01	.04	.10	Trace	.04
77-3-22	.59	Trace	.02	.01	.04	.09	Trace	.03
77-3-23	.65	Trace	.02	.01	.02	.03	Trace	.04
77-3-24	.50	Trace	.02	.01	.06	.09	Trace	.02
77-3-25	.54	Trace	.02	.01	.04	.05	Trace	.03
77-3-26	.53	.010	.02	.01	.04	.03	Trace	.02
77-3-27	.59	Trace	.08	.01	.02	.04	Trace	.02



GEOLOGICAL LEGEND

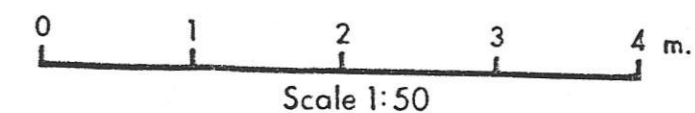
- 1a ARGILLITE
- 1b LIMY ARGILLITE
- 1c ARGILLIC ARGILLITE
- 2a PHYLITE, WELL DEVELOPED FOLIATION
- 2b PHYLITE, POORLY DEVELOPED FOLIATION
- 2c SLATE, PHYLITE
- 2d ARGILLIC PHYLITE
- 3 SLATES
- 4a AMPHIBOLITE
- 4b AMPHIBOLITE (INCLUDES BIFURCATED AMPHIBOLITE)
- 4c LIMY AMPHIBOLITE
- 5a MEDIUM-GRAINED GNEISS
- 5b COARSE-GRAINED GNEISS
- 5c MEDIUM-GRAINED GNEISS
- 5d BULKY GNEISS
- 6a QUARTZ-FELDSPAR CONGLOMERATE
- 6b QUARTZ-FELDSPAR CONGLOMERATE WITH GNEISS
- 6c META-CONGLOMERATE, UNDEVELOPED FELDSPAR
- 7a CARBONATE ESTERON
- 7b OOLITIC CARBONATE ESTERON
- 8 QUARTZITE
- 9 QUARTZ VEINS

LEGEND:

- W.S. WEATHERED SULFIDES
- FOLIATION (STRIKE/dip)

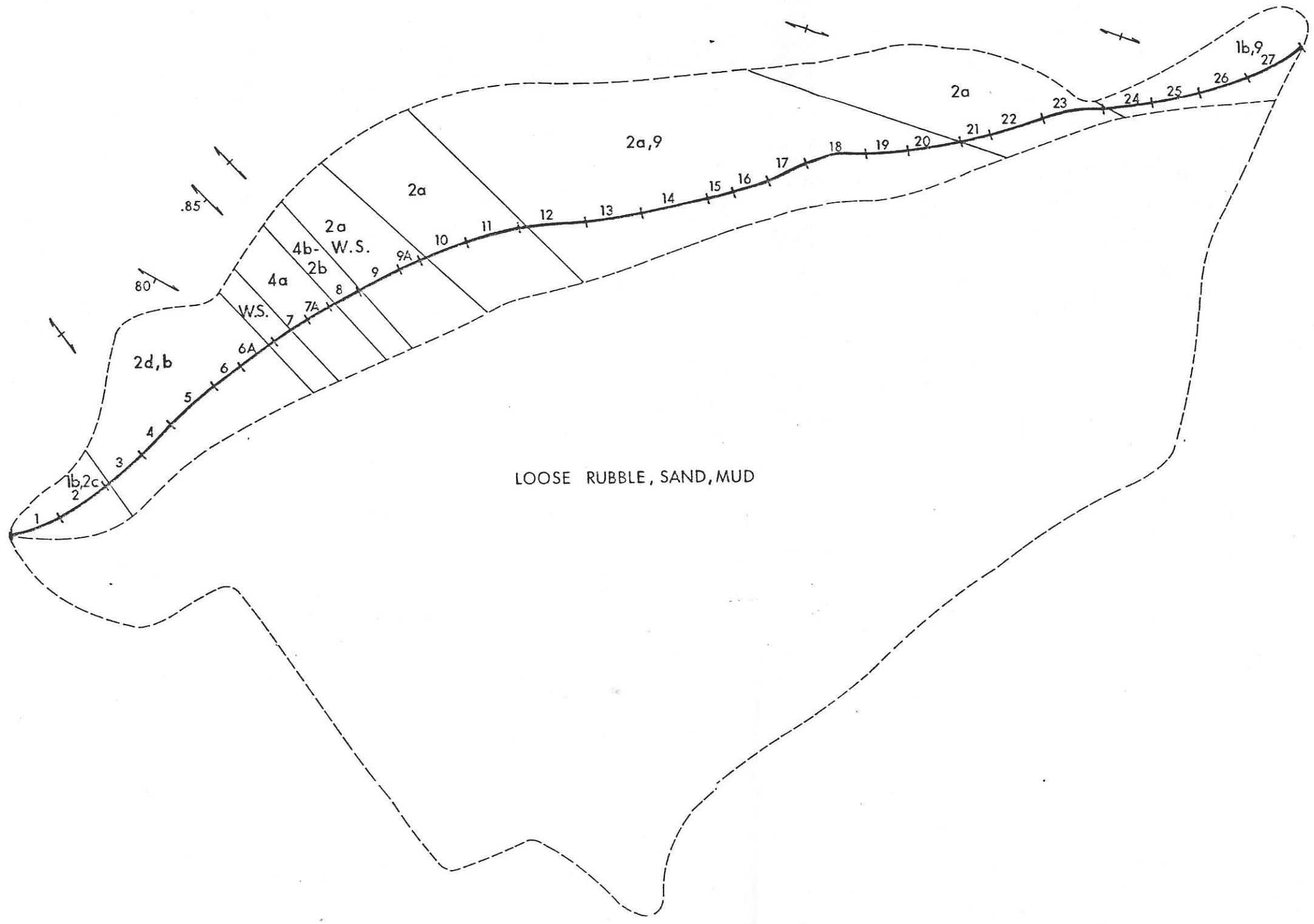
Norcen
Energy Resources Limited

COCHRANE OIL AND GAS OPTION
CRYSTAL CREEK PROJECT
BRITISH COLUMBIA
TRENCH MAP TR 77-3



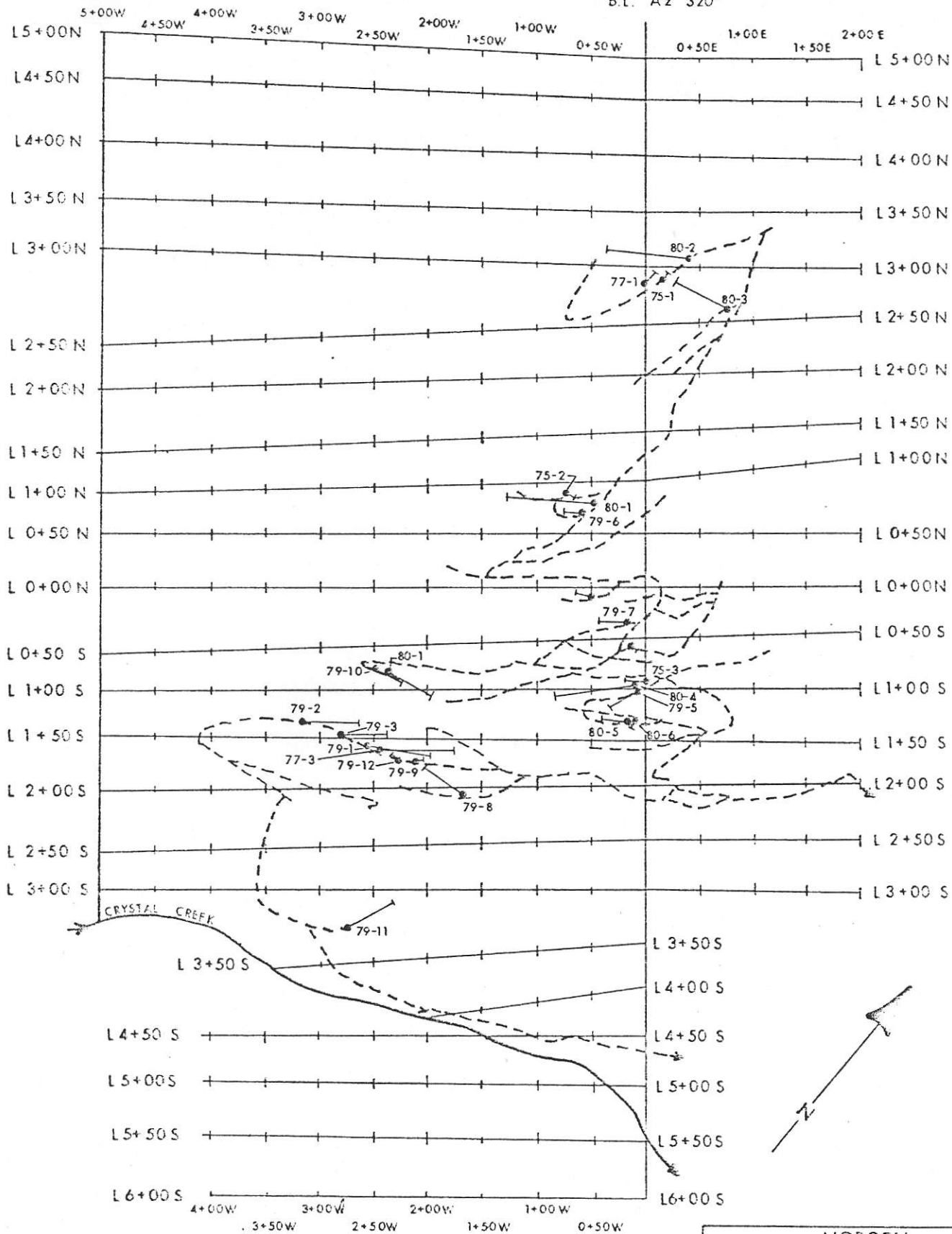
NTS 82K-15

January/1980



LOOSE RUBBLE, SAND, MUD

B.L. Az 320°

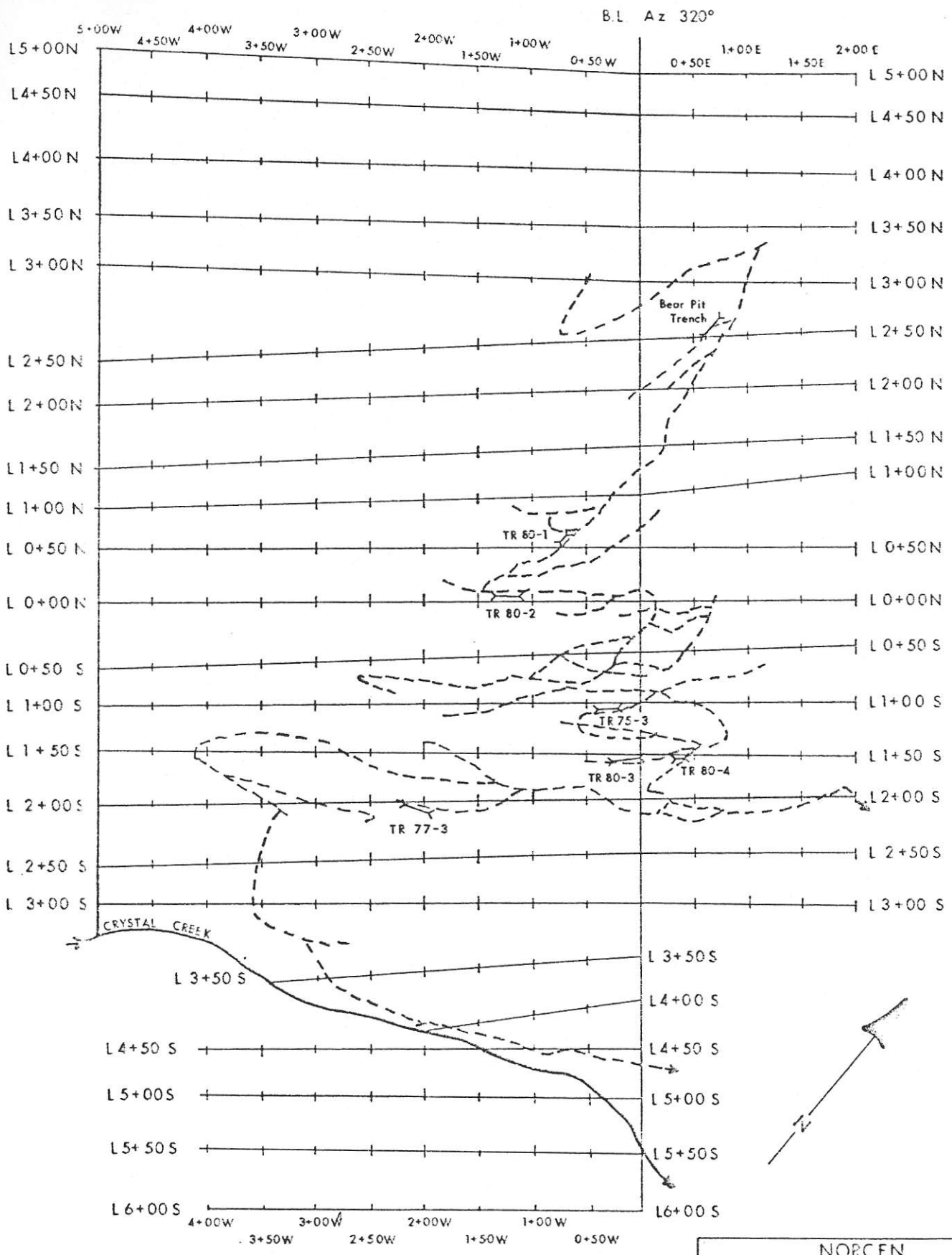


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CRYSTAL CREEK PROJECT
BRITISH COLUMBIA
(Cochrane Oil & Gas Option)

DRILL HOLE LOCATION MAP

Scale 1:5,000
0 50 100 150 200 metres



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CRYSTAL CREEK PROJECT
BRITISH COLUMBIA
(Cochrane Oil & Gas Option)

TRENCH LOCATION MAP

Scale 1:5,000

0 50 100 150 200 metres