

001652

sperry-sun

OF CANADA LTD

GYROSCOPIC DIRECTIONAL SURVEY
FOR
CYPRUS ANVIL MINING CORPORATION
80-x-07



canadian directional drilling services

sperry-sun

DIRECTIONAL SURVEY REPORT

FOR

CYPRUS ANVIL MINING CORPORATION



TYPE OF SURVEY: GYROSCOPIC DIRECTIONAL SURVEY

SURVEY DEPTH: FROM 00 m TO 853 m

LEASE: DY DEPOSIT 80-X-07

FIELD:/AREA: DY

PROVINCE: YUKOM JOB NO. LRG1.75-E-377

DATE OF SURVEY: 1980 07 14

OFFICE: EDMONTON, ALBERTA

SPERRY-SUN OF CANADA
GYROSCOPIC DIRECTIONAL SURVEY

PAGE 1

CYPRESS ANVIL MINING CORP.
30-X-07 DY DEPOSIT

LRG1.75-E-377
19800714

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG MIN	VERTICAL DEPTH	LATITUDE METRES	DEPARTURE METRES	VERTICAL SECTION	DOG LEG
0	0 0	0 0	0.00	0.00 N	0.00 E	0.00	0.00
30	233 4	2 10	29.99	0.35 S	0.46 W	-0.45	2.17
60	289 10	1 43	59.98	0.54 S	1.34 W	-0.86	1.87
90	343 31	1 50	89.97	0.07 N	1.90 W	-0.42	1.62
120	329 53	2 58	119.94	1.21 N	2.43 W	0.54	1.26
150	328 24	4 0	149.88	2.77 N	3.37 W	1.81	1.04
180	325 47	5 50	179.77	4.92 N	4.77 W	3.52	1.85
210	327 18	7 18	209.57	7.79 N	6.66 W	5.80	1.48
240	332 38	8 20	239.29	11.32 N	8.69 W	8.69	1.26
270	326 28	8 30	268.97	15.10 N	10.91 W	11.76	0.92
300	330 42	9 20	298.61	19.07 N	13.33 W	14.97	1.06
330	332 30	10 5	328.18	23.52 N	15.73 W	18.65	0.81
360	326 59	11 22	357.65	28.33 N	18.55 W	22.56	1.64
390	322 53	12 22	387.01	33.37 N	22.10 W	26.51	1.31
420	322 53	11 38	416.36	38.34 N	25.87 W	30.34	0.73
450	326 21	11 0	445.77	43.14 N	29.28 W	34.09	0.93
480	323 57	11 48	475.18	48.00 N	32.67 W	37.91	0.93
510	317 17	14 43	504.38	53.28 N	37.06 W	41.88	3.29
540	318 50	15 25	533.35	59.08 N	42.27 W	46.13	0.81
570	321 15	15 5	562.29	65.13 N	47.34 W	50.66	0.72
600	317 57	15 0	591.26	71.06 N	52.38 W	55.08	0.86
630	311 50	15 30	620.21	76.61 N	57.97 W	59.00	1.69
660	305 6	16 8	649.08	81.68 N	64.37 W	62.24	1.94
690	306 18	15 11	677.96	86.40 N	70.94 W	65.10	1.00
720	301 16	12 28	707.09	90.41 N	76.88 W	67.44	2.97
750	303 46	10 43	736.48	93.64 N	81.97 W	69.24	1.82
780	305 32	10 55	765.94	96.84 N	86.60 W	71.13	0.39
810	303 39	9 45	795.46	99.90 N	91.02 W	72.94	1.21
840	301 2	7 20	825.12	102.30 N	94.78 W	74.28	2.45
853	301 19	6 0	838.03	103.08 N	96.07 W	74.70	3.08

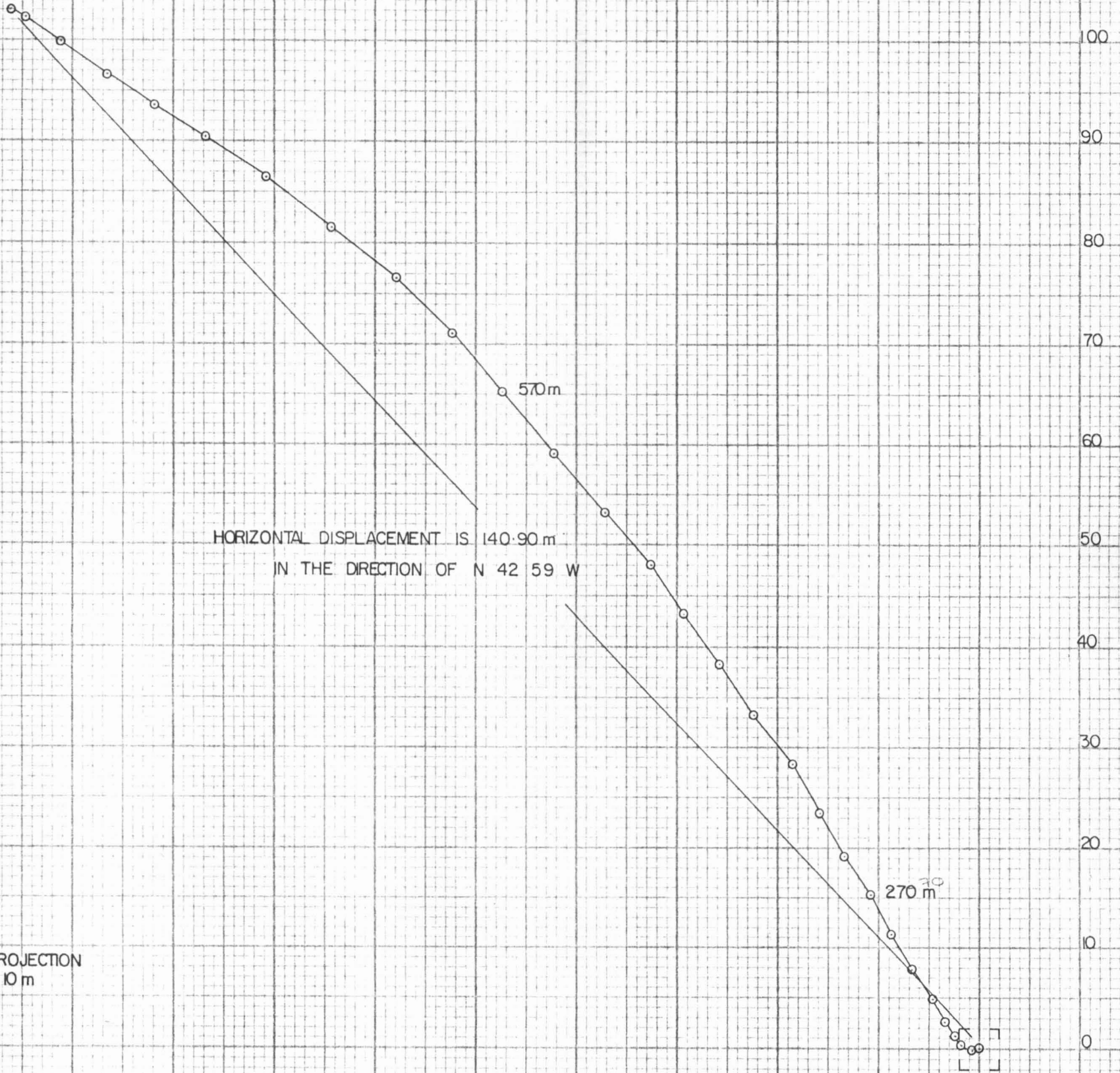
THE DOGLEG SEVERITY IS IN DEGREES PER 30 METRES.
THE VERTICAL SECTION WAS COMPUTED ALONG N 15 0 E

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE
DISPLACEMENT IS 140.90 METRES, IN THE DIRECTION OF N 42 59 W
BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELLHEAD.
VERTICAL SECTION IS RELATIVE TO WELLHEAD.

CYPRUS ANML MINING CORPORATION

80-X-07 DY DEPOSIT

TSD 853m
TVD 838.03m



N

HORIZONTAL PROJECTION
SCALE 1 cm = 10 m

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OF CANADA LTD.

DRWG BY: ESD CHCKD BY: [Signature] DATE July 17/80