

001654

# sperry-sun

OF CANADA LTD

GYROSCOPIC DIRECTIONAL SURVEY  
FOR  
CYPRUS ANVIL MINING CORPORATION  
80-x-09



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 955 m

LEASE: DY DEPOSIT 80-X-09

FIELD:/AREA: DY

PROVINCE: YUKON JOB NO. LRG1.75-E-401

DATE OF SURVEY: 1980 08 06

OFFICE: EDMONTON, ALBERTA

SFERRY-SUN OF CANADA  
GYROSCOPIC DIRECTIONAL SURVEY

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CYPRESS ANVIL MINING CORP.  
DY DEPOSIT 80-X-09

LRG1.75-E-401  
19800805

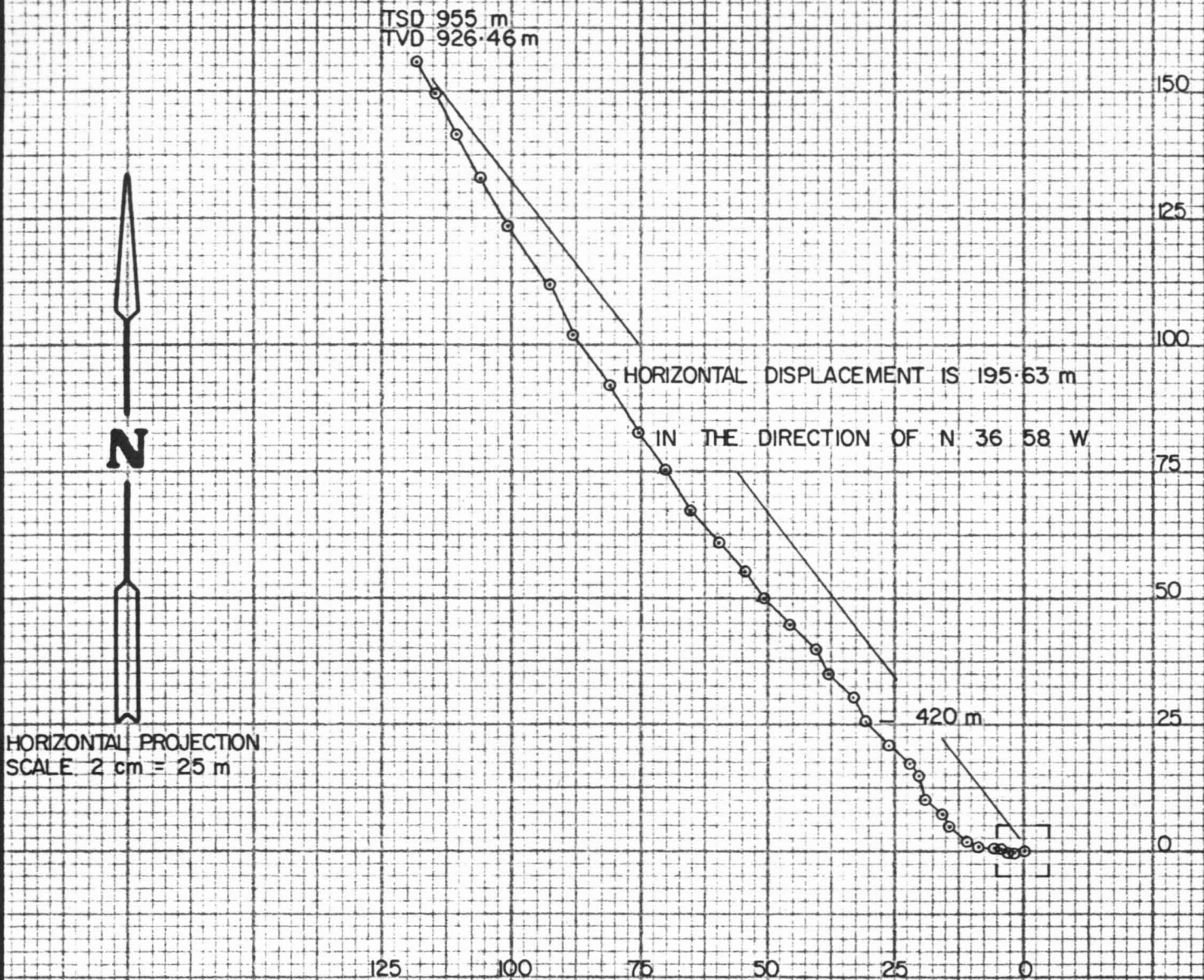
TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG MIN	VERTICAL DEPTH	LATITUDE METRES	DEPARTURE METRES	VERTICAL SECTION	DOG LEG
0	0 0	0 0	0.00	0.00 N	0.00 E	0.00	0.00
30	229 48	1 43	30.00	0.30 S	0.35 W	-0.37	1.72
60	281 13	1 49	59.98	0.50 S	1.16 W	-0.77	1.54
90	291 40	2 48	89.96	0.13 S	2.31 W	-0.72	1.07
120	284 33	4 7	119.90	0.42 N	4.03 W	-0.64	1.38
150	275 55	4 42	149.81	0.81 N	6.30 W	-0.84	0.88
180	285 17	4 43	179.71	1.27 N	8.71 W	-1.03	0.77
210	303 7	6 40	209.57	2.54 N	11.36 W	-0.48	2.61
240	307 22	6 17	239.37	4.49 N	14.12 W	0.68	0.61
270	321 43	7 32	269.16	7.03 N	16.65 W	2.48	2.12
300	332 1	8 0	298.88	10.42 N	18.84 W	5.19	1.46
330	329 53	8 14	328.58	14.12 N	20.90 W	8.23	0.38
360	322 56	9 20	358.23	17.92 N	23.45 W	11.24	1.53
390	317 23	10 18	387.79	21.83 N	26.73 W	14.17	1.35
420	318 16	10 20	417.31	25.81 N	30.34 W	17.09	0.16
450	324 52	10 50	446.80	30.13 N	33.75 W	20.37	1.31
480	323 13	11 10	476.24	34.76 N	37.11 W	23.97	0.46
510	316 17	13 2	505.58	39.53 N	41.19 W	27.53	2.36
540	316 17	13 51	534.76	44.57 N	46.01 W	31.15	0.82
570	322 26	12 58	563.94	49.84 N	50.54 W	35.06	1.68
600	322 49	13 42	593.13	55.34 N	54.74 W	39.28	0.74
630	320 2	15 45	622.14	61.29 N	59.50 W	43.80	2.17
660	319 11	17 12	650.91	67.76 N	65.02 W	48.63	1.47
690	329 3	17 55	679.52	75.08 N	70.29 W	54.33	3.06
720	328 19	21 2	707.80	83.62 N	75.49 W	61.24	3.13
750	327 22	20 42	735.83	92.67 N	81.18 W	68.50	0.48
780	329 6	23 33	763.62	102.28 N	87.12 W	76.25	2.92
810	327 56	25 40	790.89	112.93 N	93.65 W	84.84	2.17
840	327 32	23 42	818.15	123.52 N	100.33 W	93.35	1.97
870	330 45	21 0	845.89	133.30 N	106.20 W	101.27	2.96
900	331 41	17 39	874.20	142.00 N	110.98 W	108.43	3.36
930	336 15	16 30	902.88	149.90 N	114.86 W	115.07	1.77
955	336 15	16 30	926.46	156.29 N	117.67 W	120.51	0.00

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 195.63 METRES. IN THE DIRECTION OF N 36 58 W  
BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELLHEAD.  
VERTICAL SECTION IS RELATIVE TO WELLHEAD.  
COORDINATES AT 954.6 ARE EXTRAPOLATED FROM 930

# CYPRUS ANML MINING CORPORATION

## DY DEPOSIT 80-X-09



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OF CANADA LTD.

DRWG BY: *R.S.D.*

CHKD BY: *J.C.*

DATE Aug 9/50