

001650

sperry-sun

OF CANADA LTD

GYROSCOPIC DIRECTIONAL SURVEY
FOR
CYPRUS ANVIL MINING CORPORATION
80-x-05



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 1020 m

LEASE: DY DEPOSIT 80-X-05

FIELD:/AREA: DY

PROVINCE: YUKON JOB NO. LRG1.75-E-363

DATE OF SURVEY: 1980 06 11

OFFICE: EDMONTON, ALBERTA

SPERRY-SUN OF CANADA
GYROSCOPIC DIRECTIONAL SURVEY

PAGE 1

CYPRESS ANVIL MINING CORP.
DY DEPOSIT 80-X-05

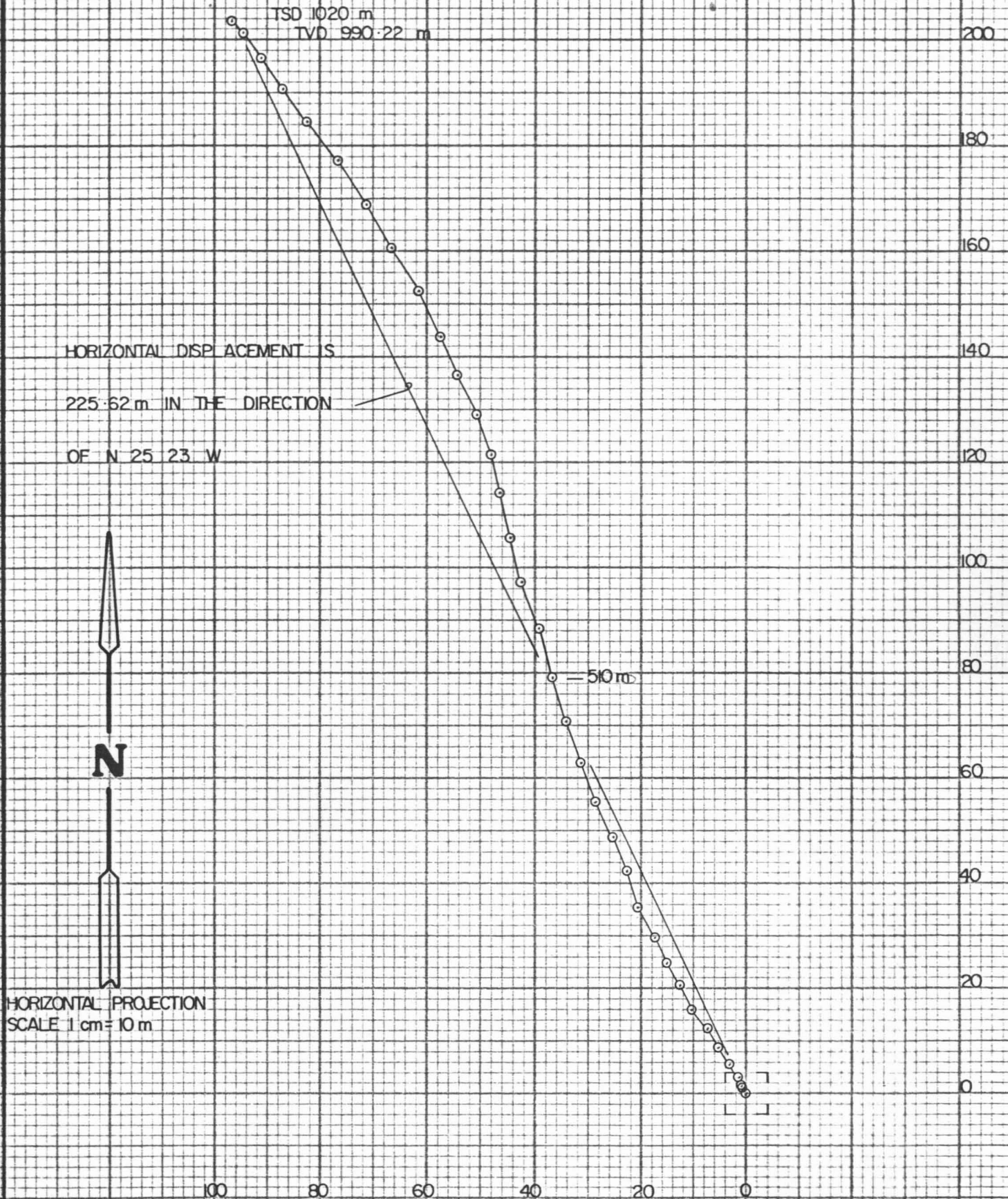
LRG1.75-E-363
19800611

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	329 54	1 35	30.00	0.36 N	0.22 W	0.29	1.58
60	335 30	2 38	59.98	1.34 N	0.71 W	1.12	1.07
90	330 42	5 9	89.90	3.15 N	1.66 W	2.61	2.54
120	324 55	6 36	119.75	5.73 N	3.31 W	4.68	1.56
150	326 24	7 31	149.52	8.78 N	5.38 W	7.09	0.93
180	325 38	8 16	179.23	12.19 N	7.69 W	9.79	0.76
210	329 52	8 55	208.90	15.98 N	10.07 W	12.83	0.91
240	329 9	9 59	238.49	20.23 N	12.57 W	16.28	1.07
270	330 52	10 18	268.02	24.80 N	15.21 W	20.02	0.44
300	335 9	11 37	297.47	29.88 N	17.79 W	24.27	1.55
330	339 24	12 45	326.80	35.72 N	20.22 W	29.28	1.44
360	336 38	13 28	356.01	42.03 N	22.77 W	34.71	0.95
390	337 24	14 0	385.16	48.59 N	25.55 W	40.32	0.56
420	339 10	14 50	414.21	55.53 N	28.31 W	46.31	0.94
450	337 29	15 27	443.17	62.81 N	31.21 W	52.59	0.76
480	342 40	17 0	471.97	70.69 N	34.04 W	59.47	2.12
510	342 33	18 20	500.56	79.37 N	36.77 W	67.16	1.33
540	342 3	18 10	529.05	88.32 N	39.62 W	75.06	0.23
570	346 33	17 59	557.57	97.28 N	42.14 W	83.06	1.41
600	346 36	16 45	586.20	105.99 N	44.22 W	90.93	1.23
630	346 14	15 30	615.02	114.09 N	46.17 W	98.25	1.25
660	346 53	14 55	643.97	121.74 N	48.00 W	105.17	0.61
690	334 24	15 15	672.94	129.06 N	50.59 W	111.57	3.26
720	333 42	15 35	701.86	136.23 N	54.08 W	117.60	0.38
750	334 33	17 27	730.62	143.91 N	57.79 W	124.05	1.88
780	332 59	18 5	759.19	152.12 N	61.84 W	130.93	0.79
810	330 41	17 53	787.73	160.28 N	66.21 W	137.68	0.74
840	327 57	20 50	816.03	168.82 N	71.30 W	144.62	3.08
870	324 52	18 59	844.23	177.33 N	76.94 W	151.38	2.13
				193.55	81.77		
900	318 44	14 58	872.92	184.24 N	82.31 W	156.66	4.39
930	324 21	14 43	901.92	190.25 N	87.08 W	161.23	1.46
960	329 49	13 45	931.00	196.42 N	91.10 W	166.16	1.65
990	319 23	8 10	960.45	201.13 N	94.28 W	169.88	5.90
1020	316 50	5 48	990.22	203.85 N	96.70 W	171.88	2.39

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 225.62 METRES. IN THE DIRECTION OF N 25 23 W

CYPRUS ANML MINING CORPORATION DY DEPOSIT 80-X-05



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DRWG BY: *[Signature]*

CHKD BY: *[Signature]*

DATE June 16/80