

BRIAN  
001658

# sperry-sun

OF CANADA LTD

LEVEL ROTOR SURVEY  
FOR  
CYPRUS ANVIL MINING CORPORATION  
80-x-12



canadian directional drilling services

# sperry-sun

## DIRECTIONAL SURVEY REPORT

FOR

CYPRUS ANVIL MINING CORPORATION



TYPE OF SURVEY: LEVEL ROTOR SURVEY

SURVEY DEPTH: FROM 00 m TO 1031 m

LEASE: 80-X-12

FIELD:/AREA: FARO

PROVINCE: YUKON JOB NO. LRG1.75-E-446

DATE OF SURVEY: 1980 09 26

OFFICE: EDMONTON, ALBERTA

SPERRY-SUN OF CANADA  
GYROSCOPIC DIRECTIONAL SURVEY

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CYPRUS ANVIL MINING CORPORATION  
80 X - 12

LRG 1.75-E-446  
19800925

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	306 43	5 47	30.44	0.92 N	1.24 W	0.57	5.69
61	313 7	6 22	60.76	2.99 N	3.71 W	1.93	0.88
91	315 1	6 15	91.06	5.32 N	6.12 W	3.56	0.23
122	326 15	5 30	121.39	7.71 N	8.10 W	5.35	1.35
153	340 31	6 34	152.20	10.62 N	9.52 W	7.79	1.77
183	347 33	7 5	181.98	14.04 N	10.49 W	10.85	0.98
213	349 46	8 2	212.20	17.97 N	11.27 W	14.44	0.98
244	356 27	8 35	242.37	22.34 N	11.79 W	18.53	1.09
274	359 42	9 6	272.48	27.02 N	11.94 W	23.01	0.71
305	1 3	9 21	302.59	31.91 N	11.91 W	27.74	0.33
335	9 46	10 20	332.63	37.08 N	11.40 W	32.87	1.75
366	12 12	10 55	362.59	42.59 N	10.33 W	38.47	0.72
396	15 33	11 27	392.50	48.33 N	8.91 W	44.38	0.83
427	15 29	12 23	422.33	54.40 N	7.22 W	50.68	0.92
457	10 5	14 9	452.04	61.22 N	5.70 W	57.67	2.12
488	20 41	14 24	481.55	68.43 N	3.71 W	65.14	2.58
518	20 7	14 41	510.98	75.59 N	1.05 W	72.74	0.31
549	17 36	15 27	540.51	83.11 N	1.53 E	80.67	0.99
579	15 35	17 6	569.77	91.30 N	3.96 E	89.21	1.72
610	8 16	15 26	599.05	99.63 N	5.75 E	97.72	2.60
640	6 1	14 40	628.48	107.48 N	6.74 E	105.56	0.95
671	1 13	16 21	657.86	115.61 N	7.23 E	113.55	2.08
701	2 12	17 50	687.00	124.57 N	7.51 E	122.27	1.49
732	353 28	19 25	715.90	134.27 N	7.11 E	131.54	3.15
762	343 42	27 25	743.87	146.07 N	4.56 E	142.27	8.72
793	346 0	27 57	770.87	159.74 N	0.86 E	154.52	1.18
823	349 34	25 46	798.06	173.19 N	2.08 W	166.75	2.67
854	358 12	25 30	825.56	186.27 N	3.48 W	179.02	3.68
884	357 46	25 15	853.11	199.33 N	3.94 W	191.52	0.31
915	350 26	25 49	880.62	212.37 N	5.30 W	203.77	3.16
945	355 22	24 5	908.32	225.15 N	6.91 W	215.69	2.65
976	354 39	22 48	936.30	237.23 N	7.96 W	227.09	1.29
1006	355 22	18 15	964.84	247.88 N	8.90 W	237.13	4.48
1031	351 12	16 32	988.63	255.28 N	9.76 W	244.06	2.55

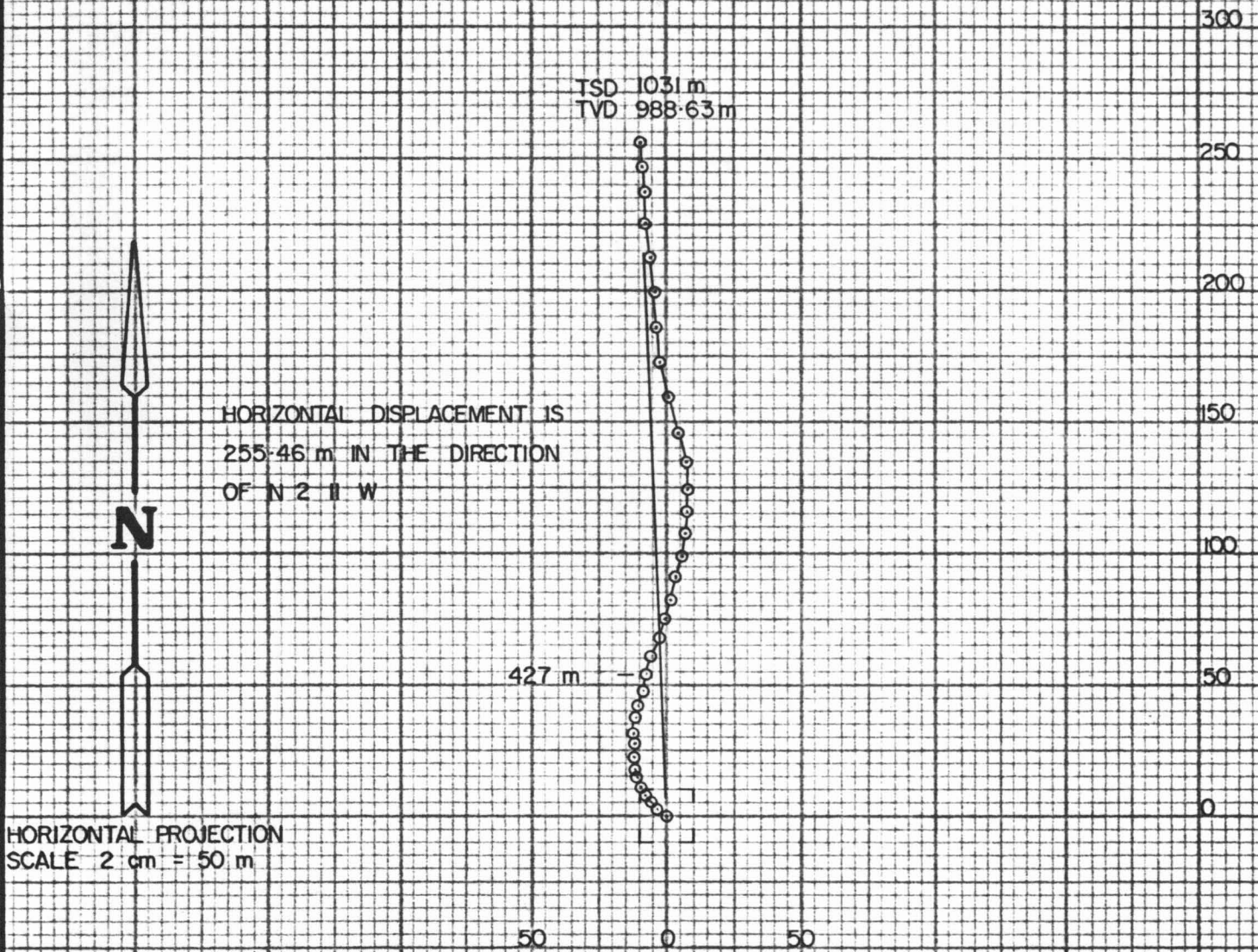
THE DOGLEG SEVERITY IS IN DEGREES PER 30 METRES.  
THE VERTICAL SECTION WAS COMPUTED ALONG N 15 0 E

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE  
DISPLACEMENT IS 255.46 METRES, IN THE DIRECTION OF N 2 11 W

BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELLHEAD.  
VERTICAL SECTION IS RELATIVE TO WELLHEAD.

# CYPRUS ANVIL MINING CORPORATION

## 80-X-12



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DRWG BY: G.S.U. CHCKD BY: DDP DATE: Sept 30 80