

001627

sperry-sun
OF CANADA LTD

GYROSCOPIC DIRECTIONAL SURVEY
FOR
CYPRUS ANVIL MINING CORPORATION
79-x-08



Edmonton (403) 436-9602, Calgary (403) 264-6702

sperry-sun

DIRECTIONAL SURVEY REPORT

FOR

CYPRUS ANVIL MINING CORPORATION



TYPE OF SURVEY: GYROSCOPIC DIRECTIONAL SURVEY

SURVEY DEPTH: FROM 00 m TO 823 m

LEASE: DY-79-X-08

FIELD:/AREA: _____

PROVINCE: ALBERTA JOB NO. SU1.75-E-387A

DATE OF SURVEY: JULY 21, 1979

OFFICE: EDMONTON, ALBERTA

SPERRY-SUN OF CANADA
GYROSCOPIC DIRECTIONAL SURVEY

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CYPRUS ANVIL MINING CORPORATION
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SU1.75-E-387A
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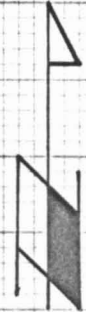
TOTAL DEPTH	DIRECTION DEG	ANGLE DEG	VERTICAL DEPTH	LATITUDE METRES	DEPARTURE METRES	VERTICAL SECTION	DOG LEG
0	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00
30	282.6	0.70	30.00	0.04 N	0.19 W	-0.01	0.70
60	282.2	1.50	59.99	0.16 N	0.75 W	-0.03	0.80
90	237.3	3.30	89.97	0.23 S	1.86 W	-0.69	2.47
120	231.4	4.30	119.90	1.40 S	3.47 W	-2.24	1.07
150	228.1	5.10	149.80	2.99 S	5.34 W	-4.26	0.85
180	217.9	6.00	179.66	5.12 S	7.29 W	-6.82	1.33
210	212.3	6.00	209.49	7.68 S	9.10 W	-9.76	0.59
240	201.3	7.60	239.28	10.86 S	10.65 W	-13.23	2.06
270	206.9	7.50	269.02	14.45 S	12.26 W	-17.12	0.75
300	223.1	7.00	298.79	17.53 S	14.40 W	-20.65	2.10
330	239.3	7.50	328.55	19.87 S	17.33 W	-23.66	2.09
360	259.3	7.70	358.29	21.24 S	20.99 W	-25.94	2.64
390	260.5	8.00	388.01	21.96 S	25.02 W	-27.67	0.34
420	258.6	10.20	417.63	22.82 S	29.69 W	-29.72	2.22
450	264.7	10.20	447.16	23.59 S	34.93 W	-31.82	1.08
480	271.3	9.30	476.72	23.78 S	40.00 W	-33.31	1.43
510	277.2	10.10	506.30	23.39 S	45.04 W	-34.24	1.27
540	277.9	10.90	535.79	22.68 S	50.46 W	-34.95	0.81
570	280.7	10.10	565.29	21.80 S	55.85 W	-35.50	0.95
600	293.4	11.20	594.78	20.16 S	61.11 W	-35.27	2.58
630	298.3	12.00	624.16	17.52 S	66.53 W	-34.13	1.27
660	307.4	14.73	653.35	13.72 S	72.31 W	-31.96	3.44
690	307.1	11.40	682.57	9.62 S	77.70 W	-29.39	3.33
720	299.8	12.90	711.90	6.16 S	82.98 W	-27.42	2.15
750	299.8	12.10	741.19	2.94 S	88.61 W	-25.76	0.80
780	294.5	7.60	770.74	0.56 S	93.15 W	-24.63	4.58
810	318.5	8.40	800.45	1.92 N	96.41 W	-23.09	3.41
823	318.1	8.50	813.31	3.35 N	97.68 W	-22.04	0.28

THE DOGLEG SEVERITY IS IN DEGREES PER 30 METRES.
THE VERTICAL SECTION WAS COMPUTED ALONG AZ. 15.0

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE
DISPLACEMENT IS 97.72 METRES, IN THE DIRECTION OF AZ. 272.0

CYPRUS ANVIL MINING CORPORATION

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HORIZONTAL PROJECTION
SCALE 2 cm = 10 m

TSD 823 m
TVD 813.31 m

HORIZONTAL DISPLACEMENT IS 97.72 m

IN THE DIRECTION OF AZ. 272

