

001628

sperry-sun

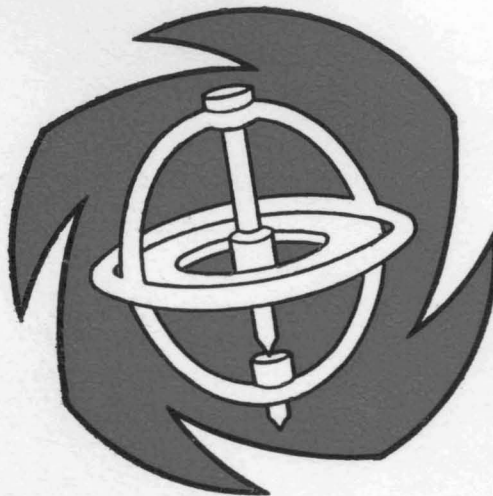
OF CANADA LTD

GYROSCOPIC DIRECTIONAL SURVEY

FOR

CYPRUS ANVIL MINING CORPORATION

79-x-09



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 m TO 620 M m

LEASE: DY-79-X-09

FIELD:/AREA: _____

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

DATE OF SURVEY: JULY 20, 1979

OFFICE: EDMONTON, ALBERTA

SPERRY-SUN OF CANADA
GYROSCOPIC DIRECTIONAL SURVEY

PAGE 1

CYPRUS ANVIL MINING CORPORATION
DY-79-X-09

SU1.75-E-387B
19790720

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	320.4	2.00	29.99	0.40 N	0.34 W	0.30	2.00
60	299.1	5.00	59.94	1.44 N	1.82 W	0.92	3.22
90	295.2	6.20	89.79	2.77 N	4.43 W	1.53	1.26
120	301.3	8.10	119.56	4.56 N	7.70 W	2.41	2.05
150	297.0	8.00	149.26	6.60 N	11.37 W	3.44	0.61
180	300.8	8.00	178.97	8.62 N	15.02 W	4.44	0.53
210	306.6	8.60	208.65	11.03 N	18.61 W	5.84	1.03
240	308.6	8.40	238.32	13.73 N	22.12 W	7.54	0.36
270	304.7	8.10	268.01	16.31 N	25.57 W	9.13	0.63
300	297.2	8.00	297.72	18.47 N	29.17 W	10.29	1.06
330	293.5	9.00	327.39	20.36 N	33.17 W	11.08	1.14
360	285.2	8.90	357.02	21.90 N	37.57 W	11.44	1.29
390	285.4	9.40	386.64	23.16 N	42.17 W	11.46	0.50
420	286.5	9.80	416.22	24.54 N	46.98 W	11.55	0.44
450	286.3	9.90	445.78	25.99 N	51.90 W	11.67	0.10
480	290.7	9.70	475.34	27.61 N	56.74 W	11.99	0.77
510	292.2	10.10	504.89	29.50 N	61.54 W	12.57	0.47
540	302.6	11.60	534.36	32.11 N	66.52 W	13.81	2.46
570	316.9	11.70	563.75	35.96 N	71.14 W	16.32	2.89
600	316.7	12.60	593.08	40.56 N	75.46 W	19.65	0.90
620	320.5	13.50	612.56	43.95 N	78.44 W	22.15	1.87

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 89.91 METRES, IN THE DIRECTION OF AZ. 299.3

CYPRUS ANVIL MINING CORPORATION

DY - 79 - X - 09

