

Sperry Sun 019149

NOTES - DJH

A-HOLES

Data. : disks re-read.

HOLE # 4 ✓

DEPTH	64.01	91.44	152.40	213.36	259.08
INCL	0°	3.2°	6.5°	5.5°	6.8°
DIP	-90.00	-86.8	-83.5	-84.50	-83.2
OB. DIR.	-	N51°E	N04°E	N10°E	N72°W
COR. AZ.	0.00	84.00 ^{pv} 77.50	37.00°	43°	321°

HOLE # 9 ✓

A-8 ✓

DEPTH	60.96	121.92	182.88	219.46	
INCL.	4.1°	9.8°	11.2°	10.0°	
DIP	-85.90	-80.20	-78.80	-80.00	
OB. DIR.	S76°E	N90°E	N81°E	N60°E	
COR. AZ.	137°	123°	114°	93°	

HOLE # 10 ✓

	#4 ✓	#3 ✓	#2 ✓	#1 ✓	
DEPTH*	60.96	121.92	182.88	243.84	
INCL.	4.8°	7.2°	5.5°	2.2	
DIP	-85.2	-82.8	-84.5	-87.8	
OB. DIR.	N36°E	N45°E	N41°E	S73°E	
COR. AZ.	69° 60.5	78° 72.5	74°	140° 104.2	

HOLE # H ✓

DEPTH	60.96	121.92	182.88	237.74	
INCL.	4.7°	7.8°	8.3°	10.0°	
DIP	-85.3	-82.2	-81.7	-80.00	
OB. DIR.	N34°E	N41°E	N20°E	N50°E	
COR. AZ.	67°	74°	53°	83°	

A-12 ✓

HOLE # 13 ✓

DEPTH
INCL
DIP
OB. DIR.
COR. AZ.

48.77	109.73	164.59			
3.2°	9.2°	12.4°			
-86.8	-80.8	-77.6			
N21°E	N55°E	N60°E			
54°	88°	93°			

HOLE # 18

A-19 ✓

A-20 ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

91.44	30.48	213.36	274.32	329.18	438.91
9.0°	5.4°	12.1°	13°	15.3°	13.0°
-81.0	-84.6	-77.9	-77.0	-74.7	-77.0
N65°E	N80°E	S75°E	S78°E	N90°E	N62°E
98°	113°	138°	135°	123°	95°

HOLE # 21

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	115.82	207.26			
1.3°	5.2°	4.1°			
-88.7	-84.8	-85.9			
S55°E	N85°E	S55°E			
158°	118°	158°			

HOLE # 22 ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	243.84	353.57	
7.6°	8.4°	9.0°	13.7	9.8	
-82.4	-81.6	-81.0	-76.3	-80.2	
N89°E	N70°E	N69°E	N71°E	S59°E	
122°	103°	102°	104°	154°	

HOLE # 23

DEPTH
INCL
DIP
OB. DIR.
COR. AZ.

51.82	91.44	146.30		
2.0°	1.3°	1.8		
-88.0	-89.7	-89.2		
S70°W	S80°E	N80°E		
<u>283°</u>	<u>133°</u>	<u>113°</u>		
34.92	112.2	102.2		

HOLE # 24

A-26

DEPTH*
INCL.
DIP
OB. DIR.
COR. AZ.
*RED BOOK

#4	#3	#2	#1	
60.96	121.92	182.88	256.03	
5.0°	5.7°	8.0°	3.2°	
-85.0	-84.3	-82.0	-86.8	
N22°E	N55°E	N32°E	N45°E	
54°	88°	65°	78°	

HOLE # 27

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	243.84	304.80
4.0°	7.5°	6.0°	5.3°	8.0°
-86.0	-82.5	-84.0	-84.7	-82.0
N80°E	N51°E	N53°E	S79°E	S10°W
113°	84°	86°	134°	223°

HOLE # 28

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

115.82	85.34	195.07	274.32	
85.340	115.82	195.07	243.84	
4.0°	4.6°	14.0°	15.0°	
-86.0	-85.4	-76.0	-75.0	
N62°E	N16°E	N53°E	N41°E	
95°	49°	86°	74°	
50.20	97.2		117.2	

HOLE # 30

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	262.13	
8.8°	13.9°	8.1°	6.0°	
-81.2	-76.1	-81.9	-84.0	✓
N90°E	N78°E	N64°E	N89°E	
123°	111.0°	97°	122°	

HOLE # 32 ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	243.84	353.57
4.0°	3.0°	2.0°	5.4°	3.6
-86.0	-87.0	-88.0	-84.6	-86.4
N12°E	N70°E	N10°E	N31°E	N61°E
45°	103°	43°	64°	94°

HOLE # 45

A-51

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	195.07		
1°	4°	13.2°		
-89.0	-86.0	76.8 ✓ 86.0		
N0°E	N28°E	N60°E		
33° ✓ 62.2	61°	93°		

HOLE # 52 ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	237.74	
0.5°	4.3°	11.0°	16.0°	
-89.5	-85.7	-79.0	-74.0	
N0°E	N35°E	N51°E	N50°E	
33° ✓ 8.00	68°	84°	83°	

A-53

HOLE # 55

DEPTH
INCL
DIP
OB. DIR.
COR. AZ.

60.96	121.92	195.07		
6.1°	12.0°	14.5°		
-83.9	-78.0	-75.5		
N35°E	N30°E	N25°E		
68°	63°	58°		

HOLE # 56

A-58

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	243.84	
0.2°	8.5°	9.0°	7.0°	
-89.8°	-81.5	-81.0	-83.0	
S48°E	S85°E	N83°E	S50°E	
165°	128°	116°	163°	

HOLE # 59

A-60

A-61

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	243.84	304.80	365.76
5.0°	6.0°	8.0°	14.5°	13.0°	10.0°
-85.0	-84.0	-82.0	-75.5	-77.0	-80.0
N59°E	N68°E	N80°E	N70°E	S78°E	S40°E
92°	101°	113°	103°	135°	173°

HOLE # 62

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	225.55	
3.5°	10.0°	11.0°	17.0°	
-86.5	-80.0	-79.0	-73.0	
N89°E	N73°E	N81°E	N68°E	
122°	106°	114°	101°	

HOLE # 64 ✓

~~A-65~~ ✓ ~~A-66~~ ✓ ~~A-67~~ ✓ ~~A-68~~ ✓ ~~A-69~~ ✓ ~~A-70~~ ✓ ~~A-71~~ ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	243.84	304.80	350.52
4.1°	9.0°	16.8°	27.0°	24.0°	18.7°
-85.9	-81.0	-73.2	-63.0	-66.0	-71.30
S55°E	S60°E	S75°E	S68°E	S78°E	S75°E
158°	153°	138°	145°	135°	142.20

HOLE # 81

~~A-72~~ ✓ ~~A-73~~ ✓ ~~A-74~~ ✓ ~~A-75~~ ✓ ~~A-76~~ ✓ ~~A-77~~ ✓
~~A-78~~ ✓ ~~A-79~~ ✓ ~~A-80~~ ✓ ~~A-81~~ ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

65.84	126.80	187.76	248.72		
5.0°	10.0°	10.8°	11.0		
-85.00	-80.0	-79.2	-79.0		
N10°W	N28°E	N44°E	N34°E		
23°	61°	77°	67°		

HOLE # 83

~~A-82~~ ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

53.64	120.09	181.05	242.01	302.97	357.84
3.4°	9.8°	13.8°	12.0°	11.0°	11.6°
-86.6	-80.2	76.2	-78.0	-79.0	-78.4
N81°E	N80°E	N72°E	N52°E	N34°E	N15°W
114°	113°	105°	85°	67°	378°

HOLE # 85

~~A-84~~ ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	243.84	304.80	384.05
2.5°	6.0°	7.0°	6.8°	7.8°	7.6°
-87.5	-84.0	-83.0	-83.2	-82.2	-82.4
N46°E	N74°E	N73°E	S75°E	S30°E	S30°E
79°	107°	106°	138°	183°	183°

A-86 ✓
A-88 ✓
A-89 ✓
A-90 ✓

HOLE # 87

60.96 MISSING ✓

DEPTH	121.92	176.78	243.84	304.48	353.57
INCL	8.6°	10.0°	7.0°	7.8°	9.0°
DIP	-81.4	-80.0	-83.0	-82.2	-81.0
OB. DIR.	S80°E	S75°E	S84°E	S58°E	S55°E
COR. AZ.	133°	138°	129°	155°	158°

*AS PER RED BOOK

HOLE # 91

DEPTH	30.48	91.44	213.36	335.28	396.24	518.16
INCL.	2.6°	4.0°	9.0°	12.0°	14.0°	7.0°
DIP	-87.4	-86.0	-81.0	-78.0	-76.0	-83.0
OB. DIR.	N40°E	N50°E	N52°E	N80°E	N72°E	N27°E
COR. AZ.	73°	83°	85°	113°	105°	60°

HOLE # 92

DEPTH	60.96	121.92	182.88	262.13		
INCL.	4.5°	14.0°	20.0°	25.0°		
DIP	-85.5	-76.0	-70.0	-65.0		
OB. DIR.	N01°W	N60°E	N52°E	N50°E		
COR. AZ.	32°	93°	85°	83°		

HOLE # 93

DEPTH	60.96	121.92	195.07	262.13	335.28
INCL.	5.0°	11.0°	16.2°	17.2°	12°
DIP	-85.0	-79.0	-73.8	-72.8	-78.0
OB. DIR.	N80°E?	N80°E	S89°E	N84°E	N25°E
COR. AZ.	113°	113°	124°	117°	58°

HOLE # 94

DEPTH	30.48	91.44	152.40	213.36	274.32	✓
INCL.	3°	6.5°	7.0°	9.0°	7.0°	
DIP	-87.0	-83.5	-83.0	-81.0	-83.0	
OB. DIR.	N40°E	N50°E	N65°E	N54°E	S20°E	
COR. AZ.	73°	83°	98°	87°	193°	

HOLE # 95

DEPTH	73.15	134.11	195.07			✓
INCL.	2.0°	14.3	20.8°			
DIP	-88.0	-75.7	<u>69.2</u> 88.0			
OB. DIR.	N50°E	N71°E	N55°E			
COR. AZ.	83°	104°	88°			

HOLE # 98

A-96 ✓

DEPTH	24.38	60.96	121.92			✓
INCL.	1.0°	3.4°	4.0°			
DIP	-89.0	-86.6	86.0			
OB. DIR.	N95°W	N31°W	N90°W			
COR. AZ.	358°	362°	303°			

HOLE # 99

DEPTH	60.96	115.82	176.78			✓
INCL.	5.0°	15.0°	18°			
DIP	-85.0	-75.0	-72.0			
OB. DIR.	N40°E	N44°E	N43°E			
COR. AZ.	73°	77°	76°			

HOLE # 100 ✓

DEPTH
INCL
DIP
OB. DIR.
COR. AZ.

67.06	121.92	182.88	231.65 225.55		
4.0°	7.0°	17.0°	19.0°		
-86.0	-83.0	-73.0	-71.0		
N83°W	N29°E	N49°E	N45°E		
310°	62°	82°	78°		

HOLE # 101 ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	213.36	256.03		
4.0°	9.0°	6.0°	4.8°		
-86.0	-81.0	-84.0	-85.2		
N19°W	N19°E	N08°E	N16°W		
378°	52°	41°	377°		

HOLE # 102 ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

67.056	128.02	170.69			
5.0°	13.2°	10.2°			
-85.0	-76.8	-79.8			
N40°E	N35°E	N23°E			
73°	68°	56°			

HOLE # 103 ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

51.82	112.78	182.88			
2.6°	6.7°	8.7°			
-87.4	-83.3	-81.3			
S75°W	N45°E	N40°E			
288°	78°	73°			

HOLE # 104

DEPTH	60.96	121.92	182.88	262.13	323.09	396.24
INCL.	7.6°	7.5	9.2°	13.0°	10.4°	14.0°
DIP	-82.4	-82.5	-80.8	-77.0	-79.6	-76.0
OB. DIR.	S69°E	S85°E	S80°E	S70°E	S60°E	S67°E
COR. AZ.	144°	128°	133°	143°	153°	146°

~~117.2~~

HOLE # 106

A-105

DEPTH	60.96	97.54	170.69			
INCL.	1.0°	6.0°	11.3°			
DIP	-89.0	-84.0	-78.7			
OB. DIR.	N01°W	N42°E	N44°E			
COR. AZ.	392° 32°	75°	77°			

not in book

HOLE # 107

DEPTH	73.152	128.02	207.26			
INCL.	1.0°	2.5°	14.0°			
DIP	-89.0	-87.5°	-76.0			
OB. DIR.	S75°W	N15°E	N11°E			
COR. AZ.	288°	48°	44°			

HOLE # 109

A-108

DEPTH	60.96	121.92	182.88			
INCL.	0°	7°	9.8°			
DIP	-90.0 -89.0	-83.0	-80.2			
OB. DIR.	N0°	N01°E	N38°W			
COR. AZ.	33° 270°	34°	355°			

Difficult to read

HOLE # 110 ✓

DEPTH	60.96	121.92	182.88			
INCL	2.0°	11.0°	15.5°			
DIP	-88.0	-79.0	-74.5	✓		
OB. DIR.	S60°E	N34°E	N27°E			
COR. AZ.	153°	67°	60°			

HOLE # 111

DEPTH	60.96	121.92	188.98	243.84	304.80	365.76
INCL.	6.0°	5.0° 5°	7.0°	8.0°	10.0°	5.0°
DIP	-84.0	-85.0 -85°	-83.0	-82.0	-80.0	-85.0
OB. DIR.	S80°W	N65° NOSE	S65° W E	N35°E	N02°W	N56°E
COR. AZ.	293°	165° 038°	278° 148°	68°	391° 031°	89°

HOLE # 112 ✓

DEPTH	85.34	128.02	164.59			
INCL.	2.0°	3.5°	10.0°			
DIP	-88.0	-86.5	-80.0	✓		
OB. DIR.	N66°W	N37°E	N45°W			
COR. AZ.	327°	70°	348°			

HOLE # 113 ✓

DEPTH	60.96	121.92	182.88	225.55	335.28	377.95
INCL.	5.7°	9.0°	9.0°	12.2°	7.5°	10.0°
DIP	-84.3	-81.0	-81.0	-77.8	-82.5	-80.0
OB. DIR.	S87°E	N80°E	N65°E	N80°E	S70°E	550°E 47
COR. AZ.	<u>126°</u> ✓	113°	98°	113°	143°	163° 163° ✓

HOLE # 115 ✓

~~B-114~~

DEPTH	60.96	182.88	243.84	304.80	365.76	
INCL	5.0°	6.0°	7.8°	11.5°	11.5°	
DIP	-85.0	-84.0	-82.2	-78.5	-78.5	✓
OB. DIR.	N19°E	N55°E	N71°E	N70°E	N68°E	
COR. AZ.	52°	88°	104°	103°	101°	

HOLE # 116

DEPTH	73.15	146.30				
INCL.	2.0°	12.0°				
DIP	-88.0	-78.0				
OB. DIR.	N25°E	N20°E				
COR. AZ.	58°	53°				

HOLE # 119 ✓

~~A-118~~

~~B-118~~

DEPTH	60.96	115.82	158.50			
INCL.	5.5°	12.3	15.5°			
DIP	-84.5	-77.7	-74.5			
OB. DIR.	N39°E	N30°E	N30°E			
COR. AZ.	72°	63°	63°			

HOLE # 118

DEPTH	182.88	243.84	335.28	396.24	426.72	60.96
INCL.	12.5°	11.5°	12.0°	12.3°	13.0°	10.1°
DIP	-77.5	-78.5	-78.0	-77.7	-77.0	-79.9
OB. DIR.	N88°E	S78°E	S67°E	S68°E	S68°E	S89°E
COR. AZ.	121°	135°	146°	145°	145°	124°

HOLE # 117

DEPTH
INCL
DIP
OB. DIR.
COR. AZ.

60.96	121.92	161.54			
7.2°	8.0°	9.8°			
-82.8	-82.0	80.2 86.0			
N12°E	N10°E	N09°E			
45°	43°	42°			

HOLE # 120

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	243.84	304.80	453.2 <u>365.76</u>
5.5	7.2	6.5	8.5°	12.0°	12.0°
-84.5	-82.8	-83.5	-81.5	-78.0	-78.0
S86°E	S82°E	S60°E	S65°E	S75°E	S70°E
<u>127°</u> ✓	<u>131°</u> ✓	<u>153°</u> ✓	<u>148°</u> ✓	<u>138°</u>	<u>143°</u>
97	87	126	115	105	40

HOLE # 121

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92 <u>134.11</u> ✓	207.26	249.94		
4.1°	6.8°	10.0°	13°		
-85.9	-83.2	-80.0	-77.0		
N62°E	N50°E	N58°E	N65°E		
95°	83°	91°	98°		

HOLE # 122

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	91.44	152.40	228.60		
4.0°	5.2°	6.5°	12.7°		
-86.0	-84.8	-83.5	-77.3		
N61°E	N55°E	N45°E	N40°E		
94°	88°	78°	73°		

HOLE # 123 ✓

DEPTH
INCL
DIP
OB. DIR.
COR. AZ.

30.48	91.44	170.69 152.40 ✓	213.36	274.32	377.95
8.0°	9.0°	6.8°	7.7°	6.7°	14.8°
-82.0	-81.0	-83.2	-82.3	-83.3	-75.2
N85°E	N76°E	S83°E	N69°E	N75°E	S68°E
118°	109°	130°	102°	108°	145°

HOLE # 124 ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	243.84	304.80	365.76
8.1°	10.2°	14.0°	11.8°	15.0°	14.8°
-81.9	-79.8	-76.0	-78.2	-75.0	-75.2
S70°E	S78°E	S59°E	S56°E	S64°E	S82°E
143°	135°	<u>154°</u> ✓ 162	<u>157°</u> ✓ 146	149°	131°

HOLE # 125

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	243.84	335.28	
7.0°	8.0°	8.9°	11.5°	14.0°	
-83.0	-82.0	-81.1	-78.5	-76.0	✓
N79°E	N85°E	S64°E	S52°E	S53°E	
112°	118°	149°	161°	160°	

HOLE # 127 ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92	182.88	243.84	304.80	365.76
5.9°	14.2°	17.9°	17.0	13.0°	12.7°
-84.1 80	-75.8	-72.1	-73.0	-77.0	-77.3
N89°E	S78°E	S51°E	S40°E	S55°E	S66°E
122°	135°	162°	173°	158°	147°

HOLE # 128

A-129
A-131

DEPTH
INCL
DIP
OB. DIR.
COR. AZ.

121.92	182.88	243.84	304.80	365.76	
2.0°	9.2°	10.0°	14.6°	15.8°	
-88.0	-80.8	-80.0	-75.4	-74.2	
N23°E	N68°E	N69°E	N72°E	N57°E	
56° ✓ 100	101°	102°	105°	90° ✓ 107	

HOLE # 132

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

91.44	143.26				
2.0°	5.0°				
-88.0	-85.0				
S60°E	S89°E				
153°	124°				

HOLE # 134

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

135.64					
4.1°					
-85.9					
N36°E					
69°					

HOLE # 135

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

67.06	155.45				
3.0°	12.3°				
-87.0	-77.7				
N01°W	N50°E				
392°	83°				

HOLE # 139

A-136 ✓
A-137 ✓
A-139 ✓

DEPTH
INCL
DIP
OB. DIR.
COR. AZ.

52.43	113.39				
5.7°	13.6°				
-84.3	-76.4				
N05°E	N32°E				
38°	65°				

HOLE # 140

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

84.73	145.69				
8.3°	16.0°				
-81.7	-74.0				
S89°E	S89°E				
124°	124°				

HOLE # 142

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

88.39	149.35	188.98	231.65		
3.0°	5.3°	6.0°	10.0°		
-87.0	-84.7	-84.0	-80.0		
N57°E	N55°E	N69°E	N41°E		
90°	88°	102°	74°		
88	88	88	83		

HOLE # 147

A-1434 ✓

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

107.29	151.18				
5.2°	8.0°				
-84.8	-82.0				
N37°E	N46°E				
70°	79°				

A-149
A-152a
A-153

HOLE # 156

Not in Red Book

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

121.92		61.00	206.35
6.0° 4.0°			
-87.0 -86.0		-90.0	-86.0
N90°E		0°	120°
123°			

HOLE # 157

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

60.96	121.92		
28°	4.1°		
-87.2	-85.9		
N90°E	N50°E		
123°	83°		

HOLE # 158

A-160

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

114.0	57.00		
5.8°	00°		
-84.2	-90.0		
N59°E	0		
92°			

HOLE # 161

INCLINED DDH

DEPTH 12.2
INCL.
DIP -51.0
OB. DIR.
COR. AZ. 44

24.38	42.67	93.57	
37°	39.2°	37.0°	
-53.00	-50.8	-53.00	
N17°E	N12°E	N21°E	
47°	45°	54°	

HOLE # 162

DEPTH
INCL
DIP
OB. DIR.
COR. AZ.

95.10 7.0° -83.0 N08°E 41°					
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HOLE # 163

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

82.91 5.8° -84.2 N71°E 104°					
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HOLE # A-20 no disks.

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

ft. m	100 30.5	300 91.4	500 152.4	740 225.5	940 286.5	1200 365.7
	-89°	-90°	-82°	-84	-80	-82°
	N32E	~	N33.5E	N86E	N19E	N35.5E
	0065	~	066.5	119	052	068.5

HOLE # A-129

DEPTH
INCL.
DIP
OB. DIR.
COR. AZ.

103.6	103.6	149.4			
-86°	-86°	-85.8			
527E					
186	209°	191°			

S. S.

HOLE NO.	DEPTH	DIP	MAG. BEARING	CORR. AZ.
A-131	91.4 m.	-87°		042°
	165.5 m.	-82°		062.
A-143	76.2 m. 250'	-83°		064°
	137.2 m.	-73.5		073°
A-149	220'	67.1 m. -86.8		063°
	370'	112.8 -81.5		058°
	525'	160.0 -81.0		053°
	625'	190.5 -79.0		058°
A-152.	230'	70. m -86.5		052
	508'	154.8 m. -79.5		091
A-153		82.3 m -77.5		083
		164.6 -87.0		034