

019052

GRUM D.D.H. SURVEY

HOLE NO.'S 81A-214
81A-215
81A-216

DATE: OCT. 17/81

ARM-CUR

STA.	BS FS	HORZ L	VERT L
	HIW 1422	00-00-00	
	HIW 1424	307-23-12	90-52-0
		254-06-48	269-03-28
1.554	A-214	202-10-20	90-58-38
		149-34-00	269-03-36

STA.	BS FS	HORZ L	VERT L
	HIW 1424	00-00-00	
	HIW 1422	19-00-48	89-16-40
1.33	A-215	38-01-38	270-44-48
		57-02-58	89-17-04
		76-05-06	270-44-48

A-216	00	283-26-42	94-45-54
		206-53-28	265-15-50
		130-21-00	94-45-18
		53-48-12	265-15-46

SLOPE DIST.	H.P.
356.257	
356.260	
356.258	1.65 w

78.995	
78.994	
	1.78 w

339.992	
339.992	1.68 w

HORZ. DIST. & VERT. DIST. CALCULATIONS

FOR D.D.H. A81-214

VERT. L	AVG. VERT L	MEAS. SLOPE DIST.	CALC. HORZ. DIST.	CALC. VERT. DIST.
90-58-20 ✓				
269-03-28 ✓	-00-57-29 ✓	356.253 ✓	356.208 ✓	-5.957 ✓
90-58-58 ✓				
269-03-36 ✓				
(ADJ. TO UTM (BY .9995) HORZ. DIST. = 356.030 ✓)				

FOR D.D.H. A81-215

89-16-40 ✓				
270-44-48 ✓	+00-43-58 ✓	78.9945 ✓	78.988 ✓	+1.010 ✓
89-17-04 ✓				
270-44-48 ✓				
(ADJ. TO UTM (BY .9995) HORZ. DIST. = 78.949 ✓)				

FOR D.D.H. A81-216

94-45-54 ✓				
265-15-50 ✓	-04-44-54 ✓	339.992 ✓	338.825 ✓	-28.144 ✓
94-45-18 ✓				
265-15-46 ✓				
(ADJ. TO UTM (BY .9995) HORZ. DIST. = 338.656 ✓)				

2010-81
11-01-16

D.D.H. LOCATIONS
CALCULATION SHEET.

DA

BACKSIGHT STATION FORESIGHT	HIW 1422 HIW 1424 A-214	HIW 1424 HIW 1422 A-215	HIW 1424 HIW 1422 A-216
HORZ. DIST.	356.030 ✓	78.949 ✓	339.656 ✓
H.I.	+ 1.554 ✓	+ 1.33 ✓	+ 1.330 ✓
V.P.	- 1.650 ✓	- 1.78 ✓	- 1.680 ✓
DIFF.	- 5.957 ✓	+ 1.010 ✓	- 28.144 ✓
STA. FLEV.	1308.019 ✓	1302.274 ✓	1302.274 ✓
DIFF.	- 6.053 ✓	+ 0.560 ✓	- 28.494 ✓
COLLAR	1301.966 ✓	1302.834 ✓	1273.78 ✓
AZIMUTH F.S.		100-44-04 ✓	
Top 180°		180	
B.S. AZIMUTH	100-44-04 ✓	290-44-04 ✓	290-44-04 ✓
HORZ. \angle	307-23-30 ✓	3 rd 19-00-59 ✓	293-27-03 ✓
AZIMUTH	408-07-34 ✓	299-45-03 ✓	564-11-07 ✓
BEARING	N 43-07-34 E ✓	N 60-14-57 W ✓	S 24-11-07 W ✓
STA. NORTHING	6905084.011 ✓	6905018.124 ✓	6905018.124 ✓
LAT.	+ 237.648 ✓	+ 39.177 ✓	- 308.931 ✓
HOLE CO-ORD.	6905321.659 ✓	6905057.301 ✓	6904709.193 ✓
STA. EASTING	592079.705 ✓	592429.256 ✓	592427.256 ✓
DEP.	+ 265.106 ✓	- 68.543 ✓	- 138.744 ✓
HOLE CO-ORD	592344.811 ✓	592356.713 ✓	592288.512 ✓

✓
20 10 81