

003243

GYROSCOPIC DOWN HOLE SURVEY DATA
FROM FREVIOUS DY DRILLING

TO BE USED TO DETERMINE APPROXIMATE DEVIATION TREND
FOR 1990 DY DECLINE DRILL PROGRAM

FILE: DEVIATE.WR1
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***** TARGET B *****
BOTTOM OF THE RAMP (CORNER)
TARGET LOCATION: 6901150 N ESTIMATED HOLE LENGTH: 570m
597770 E
476.5 Elev.
1023 TOPOGRAPHIC ELEVATION ABOVE TARGET

HOLE-ID	NORTHING	EASTING	ELEV.	INCL.	INCL.	AZIMITH	DOGLEG /100'	HORIZONTAL DEVIATION			VERTICAL DEPTH	DRILLED LENGTH
								NORTHING	EASTING	DISPLACEMENT		
78X04	901123.0	597733.6	1039.1	-90	0	360	0	0.00	0.00	0.00	0.00	0.00
78X04	901123.3	597733.6	1008.6	-89	1	357.9	0.999	0.30	0.00	0.30	30.50	30.50
78X04	901124.1	597732.8	978.1	-86	4	304	3.502	1.10	-0.80	1.36	60.96	61.00
78X04				-86	4	282.9	1.467					91.40
78X04				-86.6	3.4	283.2	0.599					121.90
78X04				-85	5	298.3	1.930					152.40
78X04				-83.9	6.1	305.7	1.309					182.90
78X04				-83.8	6.2	304.5	0.162					213.40
78X04				-81.7	8.3	318.4	2.728					243.80
78X04				-82	8	319.5	0.337					274.30
78X04				-81.5	8.5	323.8	0.793					304.80
78X04				-80.9	9.1	337.4	2.158					335.30
78X04				-78.5	11.5	342.5	2.563					365.80
78X04				-79.2	10.8	340.3	0.821					396.20
78X04				-78.1	11.9	345.7	1.527					426.70
78X04				-76.4	13.6	343.5	1.766					457.20
78X04				-73	17	337.1	3.788					487.70
78X04	901181.0	597697.4	527.6	-72.3	17.7	335	0.938	58.00	-36.20	68.37	511.48	518.20
78X04	901189.4	597693.1	498.5	-74.1	15.9	326.3	3.095	66.40	-40.50	77.78	540.57	548.60
78X04	901196.8	597689.2	469.2	-74.1	15.9	337.6	3.089	(73.80)	(-44.40)	86.13	569.91	579.10
78X04	901204.8	597686.3	439.9	-73.3	16.7	342	1.469	81.80	-47.30	94.49	599.18	609.60
78X04	901213.0	597682.1	410.9	-71	19	324.9	5.694	90.00	-51.50	103.69	628.21	640.10
78X04	901220.2	597676.3	385.1	-69.7	20.3	317.3	3.186	97.20	-57.30	112.83	654.01	667.50

HOLE-ID	NORTHING	EASTING	ELEV.	INCL.	INCL.	AZIMITH	DOGLEG =====			VERTICAL	DRILLED	
							/100'	NORTHING	EASTING			DISPLACEMENT
79X07	901180.0	597665.0	1052.7	-90	0	0	0	0.00	0.00	0.00	0.00	0.00
79X07	901179.9	597663.8	1022.8	-85.5	4.5	265.9	4.572	-0.10	-1.20	1.20	29.95	30.00
79X07	901179.9	597661.3	992.9	-84.9	5.1	273.5	0.887	-0.10	-3.70	3.70	59.85	60.00
79X07	901180.1	597658.3	963.0	-83.5	6.5	273.5	1.422	0.10	-6.70	6.70	89.69	90.00
79X07	901180.3	597654.7	933.2	-82.7	7.3	273.9	0.814	0.30	-10.30	10.30	119.47	120.00
79X07				-83	7	272.7	0.340					150.00
79X07				-82.9	7.1	280.1	0.927					180.00
79X07				-82.5	7.5	282.3	0.495					210.00
79X07				-83	7	291.9	1.329					240.00
79X07				-82.5	7.5	297.4	0.868					270.00
79X07				-83.7	6.3	314	2.352					300.00
79X07				-83.9	6.1	312.1	0.291					330.00
79X07				-82.5	7.5	305.1	1.650					360.00
79X07				-82.7	7.3	308.5	0.489					390.00
79X07				-84.5	5.5	320.4	2.262					420.00
79X07				-83.7	6.3	325.4	0.965					450.00
79X07				-79.9	10.1	322.9	3.876					480.00
79X07	901205.9	597615.4	546.5	-79	11	327.1	1.202	25.90	-49.60	55.96	506.25	510.00
79X07	901210.9	597615.2	517.1	-77.9	12.1	326.7	1.120	30.90	-49.80	58.61	535.64	540.00
79X07	901216.3	597608.4	487.8	-76.9	13.1	324	1.178	36.30	-56.60	67.24	564.92	570.00
79X07	901221.8	597604.0	458.6	-75.9	14.1	318	1.755	41.80	-61.00	73.95	594.08	600.00
79X07	901227.5	597598.9	429.6	-74.3	15.7	318.4	1.628	47.50	-66.10	81.40	623.07	630.00
79X07	901233.4	597593.6	400.7	-75	15	318.7	0.715	53.40	-71.40	89.16	651.99	660.00
79X07	901239.1	597588.3	371.8	-74.7	15.3	314.6	1.130	59.10	-76.70	96.83	680.95	690.00