

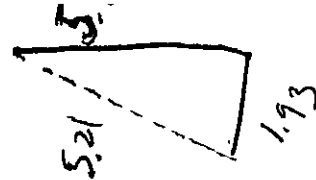
FILE: DEVIATE.WR1
 J. ZBEETNOFF
 OCT. 3, 1990

HOLE-ID	NORTHING	EASTING	ELEV.	INCL.	INCL	AZIMITH	DOGLEG	HORIZONTAL DEVIATION			VERTICAL	DRILLED	
							NORTHING	EASTING	DISPLASMENT	DEPTH	LENGTH		
*****							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	HORIZONTAL DEVIATION			VERTICAL	DRILLED
							/100'	NORTHING	EASTING	DISPLACEMENT	DEPTH	LENGTH
78X04	6901123.0	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	HORIZONTAL DEVIATION			VERTICAL	DRILLED
							/100'	NORTHING	EASTING	DISPLACEMENT	DEPTH	LENGTH
79X02	901048.0	597720.6	1036.4	-90	0	0	0	0.00	0.00	0.00	0.00	0.00
79X02	901048.0	597720.7	1005.4	-89.8	0.2	117.9	0.196	0.00	0.10	0.10	31.00	31.00
79X02	901048.3	597720.4	975.4	-88.5	1.5	314.1	1.720	0.30	-0.20	0.36	60.99	61.00
79X02	901048.9	597719.6	944.4	-87.2	2.8	305.8	1.311	0.90	-1.00	1.35	91.97	92.00
79X02	901049.9	597718.2	914.5	-86.3	3.7	306.4	0.915	1.90	-2.40	3.06	121.92	122.00
79X02	901051.1	597716.6	884.5	-86.2	3.8	301.6	0.334	3.10	-4.00	5.06	151.86	152.00
79X02				-84.6	5.4	300.7	1.574					183.00
79X02				-84.3	5.7	307.3	0.716					213.00
79X02				-84.5	5.5	314.3	0.699					244.00





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HOLE-ID	NORTHING EASTING		ELEV.	INCL.	INCL	AZIMITH	HORIZONTAL DEVIATION			VERTICAL DEPTH	DRILLED LENGTH
							DOGLEG	NORTHING	EASTING		
79X02				-84.6	5.4	313.7	0.116				274.00
79X02				-84.6	5.4	312	0.157				305.00
79X02				-84.5	5.5	324.6	1.217				335.00
79X02				-83.1	6.9	328.7	1.442				366.00
79X02				-81.1	8.9	331.3	2.063				396.00
79X02				-79.3	10.7	332.9	1.789				427.00
79X02				-78.7	11.3	334.7	0.702				457.00
79X02				-78.3	11.7	338	0.756				488.00
79X02	901089.6	597689.9	522.1	-77.6	12.4	337.4	0.722	41.60	-30.70	51.70	514.29
79X02	901096.1	597687.1	491.9	-76.1	13.9	335	1.569	48.10	-33.50	58.62	544.48
79X02	901103.3	597683.3	463.1	-72.6	17.4	330.3	3.779	55.30	-37.30	66.70	573.35
79X02	901111.8	597678.4	433.6	-70.6	19.4	329.9	1.970	63.80	-42.20	76.49	602.76
79X02	901120.6	597674.0	405.3	-70.7	19.3	337.1	2.424	72.60	-46.60	86.27	631.07
79X02	901129.9	597670.3	376.0	-71.8	18.2	339.6	1.339	81.90	-50.30	96.11	660.42

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HOLE-ID	NORTHING EASTING		ELEV.	INCL.	INCL.	AZIMITH	DOGLEG /100'	HORIZONTAL DEVIATION			VERTICAL DEPTH	DRILLED LENGTH
								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

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