

10/09/00

QA: QA

**YMP SITE FACILITIES DEPARTMENT/FIELD ENGINEERING, SURVEY SECTION
SURVEY OF NYE COUNTY EWDP PHASE II BOREHOLES**

A Global Positioning System (GPS) survey for the location of 12 Nye County Early Warning Drilling Program (EWDP) Phase II Boreholes was performed on August 16 & 24, and September 28, 2000. The M&O procedure for performing this work is NWI-ESF-008Q.

Tabulated below are the location values obtained by this survey.

Ref. YMP127/30-36,42-45,47-51,57-60,66

LATITUDE/LONGITUDE DATUM IS NAD-83, ELEVATION NGVD-29: (in meters)

BOREHOLE ID	LATITUDE	LONGITUDE	SLAB/GROUND ELEV.	REMARKS
NC-EWDP-3DB	36° 40' 52.601"N	116° 32' 17.216"W	none/796.61m	Top of .41m casing @ 796.87m
NC-EWDP-4PA	36° 39' 24.559"N	116° 24' 18.483"W	823.16m/823.02m	Top of well string @ 823.74m
NC-EWDP-4PB	36° 39' 24.616"N	116° 24' 17.092"W	823.28m/823.15m	Top of well string @ 823.68m
NC-EWDP-5SB	36° 40' 11.107"N	116° 22' 37.000"W	839.23m/839.06m	Top of well string @ 839.72m
NC-EWDP-7S	36° 43' 32.019"N	116° 33' 25.209"W	none/836.88m	Top casing w/lid @ ground level
NC-EWDP-12D	36° 41' 37.057"N	116° 35' 13.992"W	none/774.56m	Top of .76m dia. casing @775.64m
NC-EWDP-12PA	36° 41' 37.152"N	116° 35' 12.768"W	774.85m/774.71m	Top of well string @ 775.27m
NC-EWDP-12PB	36° 41' 38.039"N	116° 35' 14.089"W	774.78m/774.65m	Top of well string @ 775.18m
NC-EWDP-12PC	36° 41' 38.539"N	116° 35' 14.126"W	774.59m/774.46m	Top of well string @ 774.97m
NC-EWDP-15D	36° 40' 10.874"N	116° 29' 52.158"W	none/786.94m	Top of .41m casing @ 787.34m

(continued)

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BOREHOLE ID	LATITUDE	LONGITUDE	SLAB/GROUND ELEV.	REMARKS
NC-EWDP-15P	36° 40' 11.257"N	116° 29' 53.278"W	786.61m/786.48m	Top of well casing @787.11m
NC-EWDP-19D	36° 40' 13.963"N	116° 26' 56.410"W	none/818.89m	Top of .3mX.3m plate @ 819.28m
NC-EWDP-19P	Data pending a re-survey of this location.			

NEVADA STATE PLANE, CENTRAL ZONE-NORTHING/EASTING DATUM IS NAD-27, ELEVATION NGVD-29: (in ft.)

BOREHOLE ID	NORTHING	EASTING	SLAB/GROUND ELEV.	REMARKS
NC-EWDP-3DB	N 702978.93	E 537954.56	none/2613.56'	Top of 16" casing @ 2614.41'
NC-EWDP-4PA	N 694156.39	E 576970.56	2700.64'/2700.19'	Top of well string @ 2702.55'
NC-EWDP-4PB	N 694162.47	E 577083.87	2701.05'/2700.63'	Top of well string @ 2702.37'
NC-EWDP-5SB	N 698886.40	E 585225.61	2753.36'/2752.80'	Top of well string @ 2754.98'
NC-EWDP-7S	N 719092.87	E 532397.98	none/2745.68'	Top casing w/lid @ ground level
NC-EWDP-12D	N 707458.66	E 523552.54	none/2541.21'	Top of 2.5' dia. casing @ 2544.74'
NC-EWDP-12PA	N 707468.41	E 523652.21	2542.17'/2541.68'	Top of well string @ 2543.52'
NC-EWDP-12PB	N 707558.04	E 523544.57	2541.91'/2541.51'	Top of well string @ 2543.25'
NC-EWDP-12PC	N 707608.56	E 523541.53	2541.29'/2540.89'	Top of well string @ 2542.54'
NC-EWDP-15D	N 698778.84	E 549776.55	none/2581.81'	Top of 16" casing @2583.14'
NC-EWDP-15P	N 698817.41	E 549685.25	2580.74'/2580.32'	Top of well casing @ 2582.39'
NC-EWDP-19D	N 699119.07	E 564092.92	none/2686.64'	Top of 12"X12" plate @ 2687.92'
NC-EWDP-19P	Data pending a re-survey of this location.			

Note: Northing and easting values highlighted in yellow replace erroneous values provided by YMP. See data limitations in meta3698.01.pdf for more information.