

**BECHTEL SAIC COMPANY (BSC) LLC, YUCCA MOUNTAIN PROJECT (YMP)
YMP Site Operations - Field Engineering, Survey Section**

**QA:QA
7/13/2006**

**Nye County Early Warning Drilling Program, Phase V
Borehole ID # NC-EWDP-24PA, NC-EWDP-24PB, NC-EWDP-32P & NC-EWDP-33P**

A Global Positioning System (GPS) survey for the existing location of County Early Warning Drilling Program (EWDP) Phase V Boreholes NC-EWDP-24PA, -24PB, -32P & -33P was performed on June 28, 2006. The Yucca Mountain Project procedure for performing this work is OCRWM LP-OM-038Q-BSC Rev. 0/ICN 1. Tabulated below are the location values obtained by this survey.
Ref. YMP 152/24-30

LATITUDE/LONGITUDE DATUM IS NAD-83, ELEVATION NGVD-29, Units are Meters

| <u>BOREHOLE ID</u> | <u>LATITUDE (N)</u> | <u>LONGITUDE (W)</u> | <u>TOP OF STEEL CASING ELEV.</u> | <u>ELEVATION TOP PVC PIPE</u> | <u>CONCRETE SLAB ELEV.</u> | <u>GROUND ELEV.</u> |
|--------------------|---------------------|----------------------|--------------------------------------|-----------------------------------|--------------------------------|-------------------------|
| NC-EWDP-24PA | 36° 42' 15.874" | 116° 26' 52.258" | - | - | *850.05m | 850.06m |
| NC-EWDP-24PB | 36° 42' 15.777" | 116° 26' 52.692" | 850.65m | 850.57m | 850.06m | 850.03m |
| NC-EWDP-32P | 36° 38' 21.544" | 116° 29' 03.381" | 776.58m | 776.42m | 775.90m | 775.82m |
| NC-EWDP-33P | 36° 39' 38.210" | 116° 29' 45.814" | 784.21m | 784.00m | 783.46m | 783.36m |

NEVADA STATE PLANE, CENTRAL ZONE, NORTHING / EASTING DATUM IS NAD-27, ELEVATION NGVD-29, Units are U.S. Feet

| <u>BOREHOLE ID</u> | <u>NORTHING</u> | <u>EASTING</u> | <u>TOP OF STEEL CASING ELEV.</u> | <u>ELEVATION TOP PVC PIPE</u> | <u>CONCRETE SLAB ELEV.</u> | <u>GROUND ELEV.</u> |
|--------------------|-----------------|----------------|--------------------------------------|-----------------------------------|--------------------------------|-------------------------|
| NC-EWDP-24PA | N 711447.98 | E 564402.96 | - | - | *2788.87' | 2788.92' |
| NC-EWDP-24PB | N 711438.07 | E 564367.64 | 2790.84' | 2790.57' | 2788.91' | 2788.81' |
| NC-EWDP-32P | N 687729.35 | E 553771.54 | 2547.83' | 2547.29' | 2545.59' | 2545.34' |
| NC-EWDP-33P | N 695475.65 | E 550299.60 | 2572.87' | 2572.18' | 2570.39' | 2570.06' |

Reference:

| | | | |
|---------|-------------|-------------|----------|
| VTN J-1 | N 734246.39 | E 581252.81 | 3138.58' |
| GATE510 | N 699248.05 | E 577314.86 | 2747.90' |

NOTE:

* NC-EWDP-24PA is an abandoned site, surface collar location is represented by a spike in a concrete slab.
Coordinate locations for NC-EWDP-24PB, -32P, & -33P are to the PVC Pipe designated by the Nye Co. Representative on site.