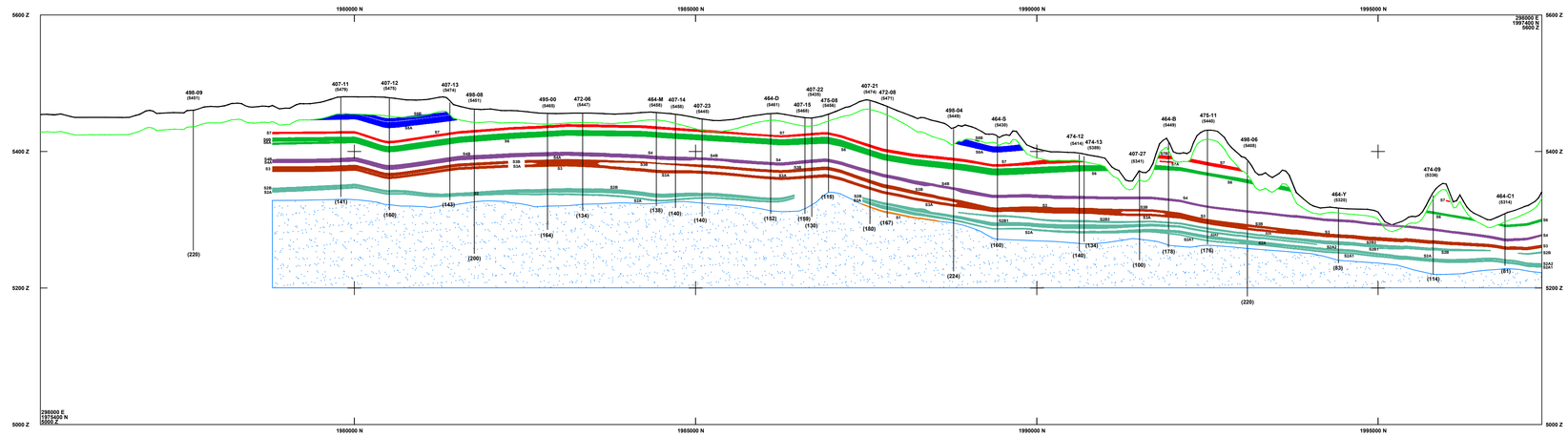



## LEGEND

- Topography
- 575-13 (5429) — Drillhole # (Collar Elevation)
- Depth of Weathering
- (210) — Drillhole Trace (Total Depth of Drillhole)

### Generalized Stratigraphic Column

OVERBURDEN

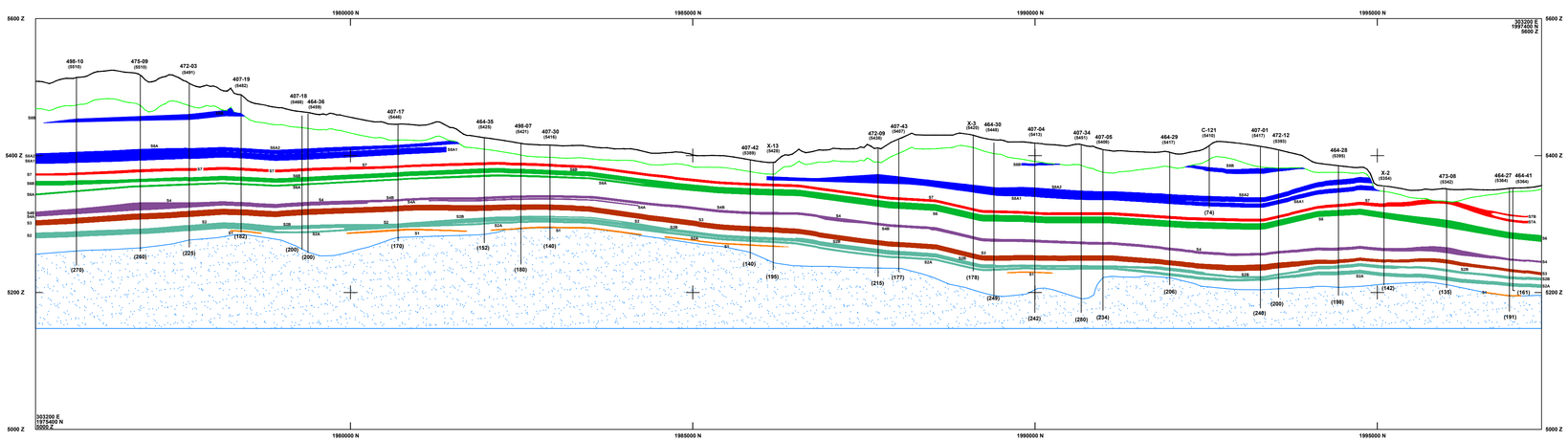
- Seam 8
- SEAM 7 INTERBURDEN
- Seam 7
- SEAM 6 INTERBURDEN
- Seam 6
- SEAM 4 INTERBURDEN
- Seam 4
- SEAM 3 INTERBURDEN
- Seam 3
- SEAM 2 INTERBURDEN
- Seam 2
- SEAM 1 INTERBURDEN
- Seam 1
- Pictured Cliffs Sandstone (PCF)

## Area 4 South - Section 3

**Section 298,000 East**

**Looking West**

FEET 100 0 100 Vertical Scale

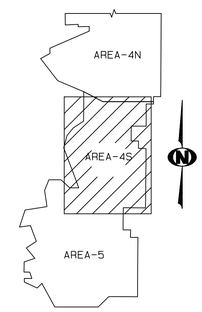



## Area 4 South - Section 4

**Section 303,200 East**

**Looking West**

FEET 100 0 100 Vertical Scale




1000 0 1000 2000

| REV. NO. | DATE | DRAFT. BY | REVISION DESCRIPTION | ENG. | C.O. | P.E. |
|---|---|---|---|---|---|---|
| 12-A | 2/29/12 | MPO | PREPARED FOR SUBMITTAL TO OSM | | CKA | |

APPROVALS

## CERTIFICATION STATEMENT

I, Kevin A. Bahe, hereby certify that this drawing was reviewed by me and that the information shown is complete and accurate to the best of my knowledge.

KEVIN A. BAHE — NEW MEXICO — 17850 — LICENSED PROFESSIONAL ENGINEER

Digitally signed by Bahe, Kevin KA
Reason: I attest to the accuracy and integrity of this document
Date: 2014.03.17 07:45:17 -06'00'

**EXHIBIT 17.1-4**

bhpbilliton

BHP Navajo Coal Company

P.O. Box 1717
Fruitland, New Mexico, 87416

Phone: 505-598-4200
Fax: 505-568-3361

**AREA 4 SOUTH**
**NORTH - SOUTH DRILL HOLE**
**CORRELATION SECTIONS**

| | | |
|---|---|---|
| PREPARED BY JM | DRAWN BY JM | SCALE AS SHOWN |
| APPROVED BY KB | DATE 15-08-2011 | (SHEET 1 OF 1) |