Anzon Australia
LIMITED

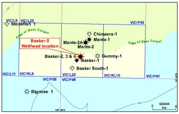
# BASKER-5
# Composite Well Log

1:1000 (TVD)

ENCLOSURE 2

50% Anzon Australia Ltd 50% Beach Petroleum Ltd

N.T.
QLD
W.A.
S.A.
N.S.W
Vic
Tas
Gippsland Basin



| | |
|---|---|
| Permit: | Vic/L26 |
| Operator: | Anzon Australia Ltd |

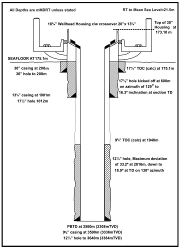
SURFACE LOCATION

| | |
|---|---|
| Latitude: | 38" 17' 59.33' S |
| Longitude: | 148" 42' 23.80' E |
| X: | 649229.0mE |
| Y: | 5759542.0mN |
| Datum/Ellipsoid: | GDA94/GRS80, MGA |
| UTM Zone: | 55 |

BOTTOM HOLE LOCATION

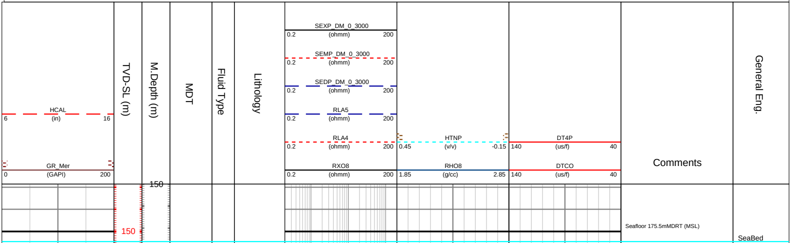
| | |
|---|---|
| Latitude: | 38" 18' 22.88' S |
| Longitude: | 148" 43' 01.33' E |
| X: | 650127.195mE |
| Y: | 5758798.562mN |

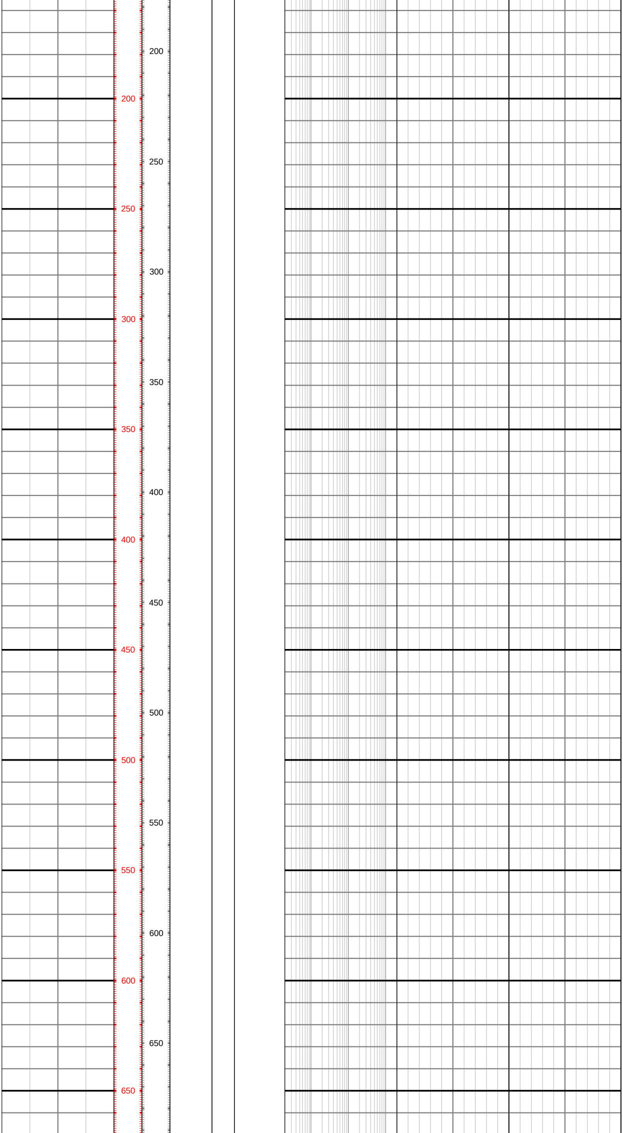
| | | | | | |
|---|---|---|---|---|---|
| Geologists: | Mike Woodmansee/Rob Blackmore | Well Status: | Development | TD MDRT: | 3640.0m |
| Rig: | Ocean Patriot | On Location: | 08:00hrs 25 Feb 2006 | TD TVDSS: | 3362.2m |
| Drilling: | Diamond Offshore General Company | Spud: | 09:30hrs 26 Feb 2006 | Water Depth: | 156.4m(MSL) |
| Wireline: | Schlumberger | TD: | 16:30hrs 27 Mar 2006 | Rotary Table: | 21.5m |
| LWD: | Sperry | Start Complet.: | 03:00 hrs 26 May, 2006 | Datum: | Wire: MSL; Drill:LAT |
| Mud Logging: | Geoservices | Rig Release: | 22:00hrs 29 June 2006 | | MSL= LAT+0.866m |
| | | Completion Status: | Suspended | | |


All Depths are mMDRT unless stated
RT to Mean Sea Level=21.5m
18¾" Wellhead Housing c/w crossover 20"x 13⅜"
Top of 30" Housing at 173.10 m
SEAFLOOR AT 175.1m
30" casing at 208m
36" hole to 208m
17½" TOC (calc) at 175.1m
17½" hole kicked off at 600m on azimuth of 129° to 16.3° inclination at section TD
13⅜" casing at 1001m
17½" hole 1012m
9⅝" TOC (calc) at 1940m
12¼" hole, Maximum deviation of 33.2° at 2816m, down to 18.9° at TD on 130° azimuth
PBTD at 3560m (3308mTVD)
9⅝" casing at 3590m (3336mTVD)
12¼" hole to 3640m (3384mTVD)

# LEGEND

| | | | | | |
|---|---|---|---|---|---|
| ▦ Calcarenite | ▦ Calcisiltite | ▦ Calcilutite | ▦ Argillaceous Limestone | ▦ Marl | ▦ Calcareous Claystone |
| ▦ Claystone | ▦ Siltstone | ▦ Very Fine-Fine Gn Sandstone | ▦ Medium Gn Sandstone | ▦ Coarse Gn Sandstone | ▦ Conglomerate |
| ▦ Weathered Volcanics (Basalts) | | ⬛ Coal | 🟥 Gas | 🟩 Oil | 🟦 Water |

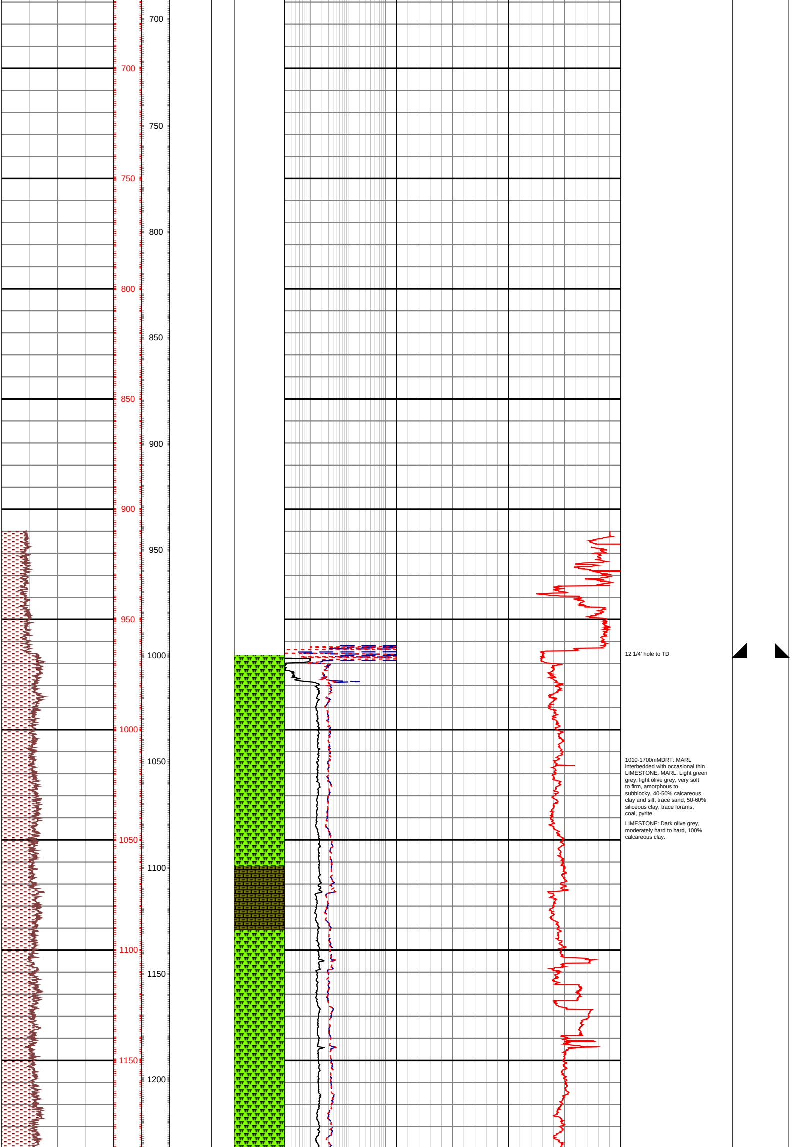




30' casing at 208mMDRT, 36' hole to 208m

17 1/2' hole kicked off at 600m on azimuth 129deg to 16.3deg inclination at section TD (1010mMDRT)

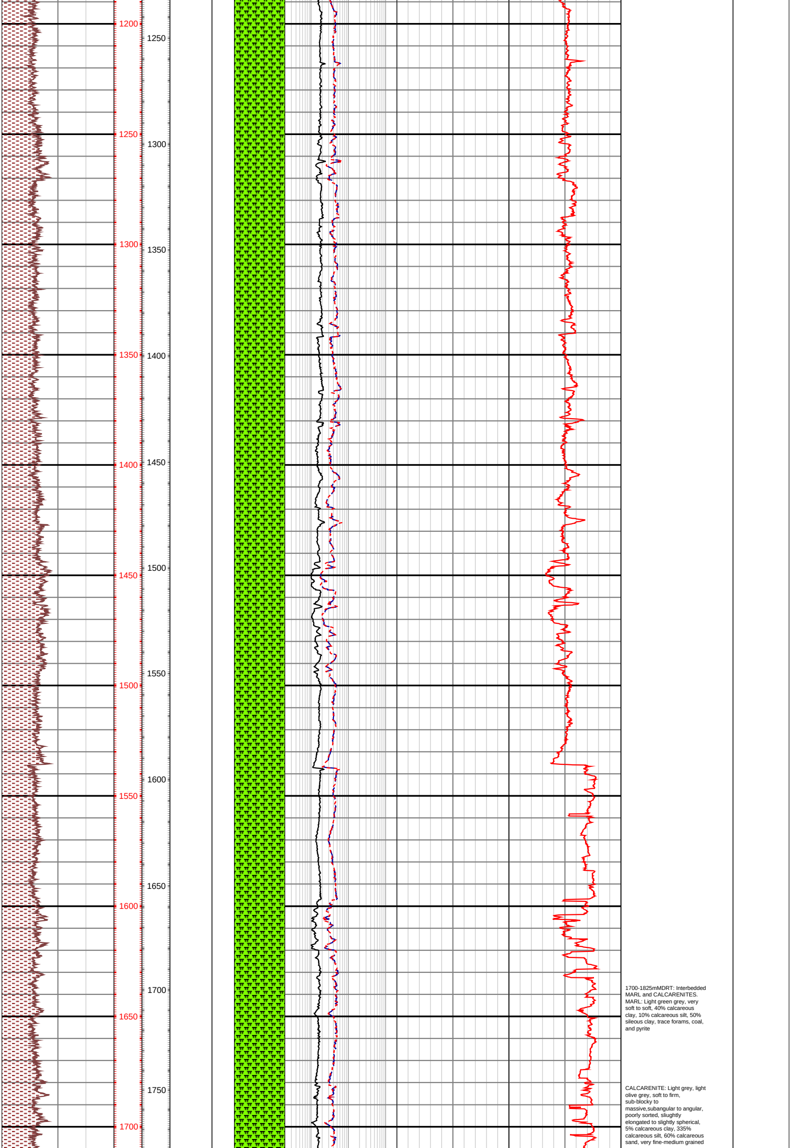
Returns to seafloor: 176-1010mMDRT



12 1/4' hole to TD

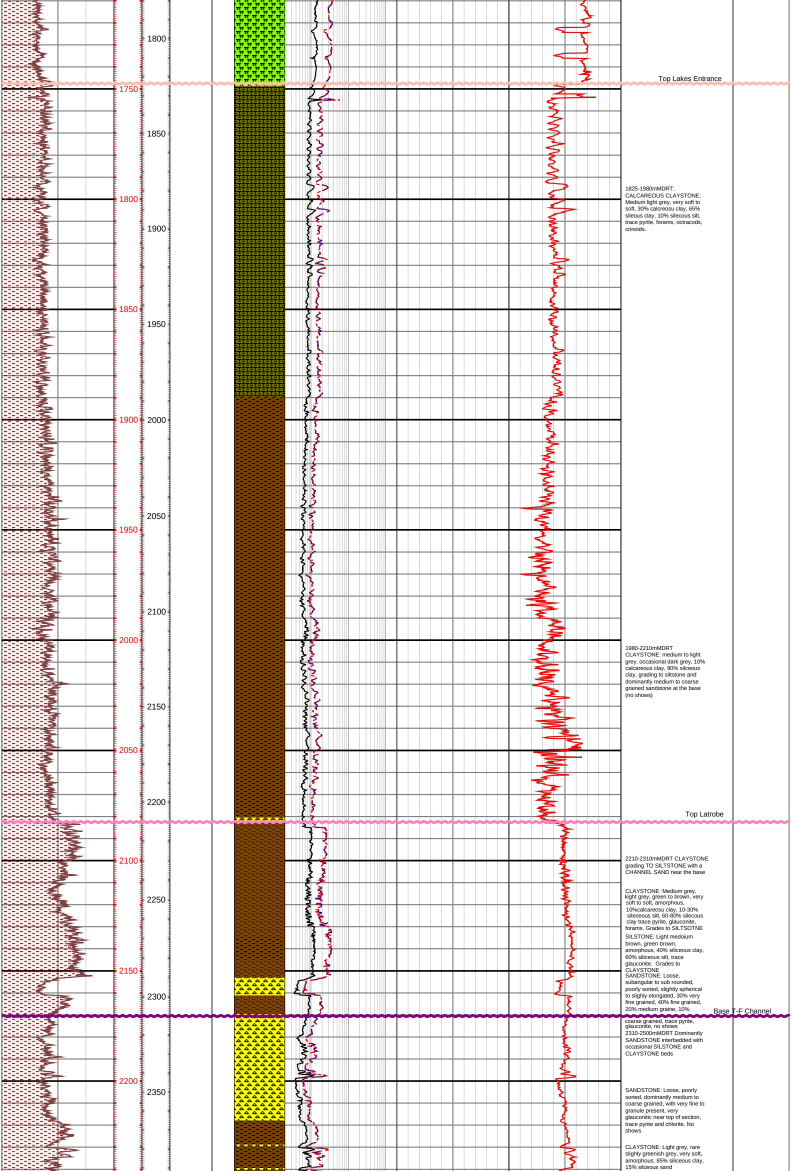
1010-1700mMDRT: MARL interbedded with occasional thin LIMESTONE. MARL: Light green grey, light olive grey, very soft to firm, amorphous to subblocky, 40-50% calcareous clay and silt, trace sand, 50-60% siliceous clay, trace forams, coal, pyrite.

LIMESTONE: Dark olive grey, moderately hard to hard, 100% calcareous clay.



1700-1825mMDRT: Interbedded MARL and CALCARENITES.
MARL: Light green grey, very soft to soft, 40% calcareous clay, 10% calcareous silt, 50% sileous clay, trace forams, coal, and pyrite

CALCARENITE: Light grey, light olive grey, soft to firm, sub-blocky to massive,subangular to angular, poorly sorted, sliughtly elongated to slightly spherical, 5% calcareous clay, 335% calcareous silt, 60% calcareous sand, very fine-medium grained



1825-1980mMDRT:
CALCAREOUS CLAYSTONE:
Medium light grey, very soft to soft, 30% calcreosu clay, 65% sileous clay, 10% silecous silt, trace pyrite, forams, octracods, crinoids.

1980-2210mMDRT
CLAYSTONE: medium to light grey, occasional dark grey, 10% calcareous clay, 90% silceous clay, grading to siltstone and dominantly medium to coarse grained sandstone at the base (no shows)

2210-2310mMDRT CLAYSTONE grading TO SILTSTONE with a CHANNEL SAND near the base

CLAYSTONE: Medium grey, kight grey, green to brown, very soft to soft, amorphous, 10%calcareosu clay, 10-30% sileceous silt, 60-80% silecous clay trace pyrite, glauconite, forams. Grades to SILTSOTNE

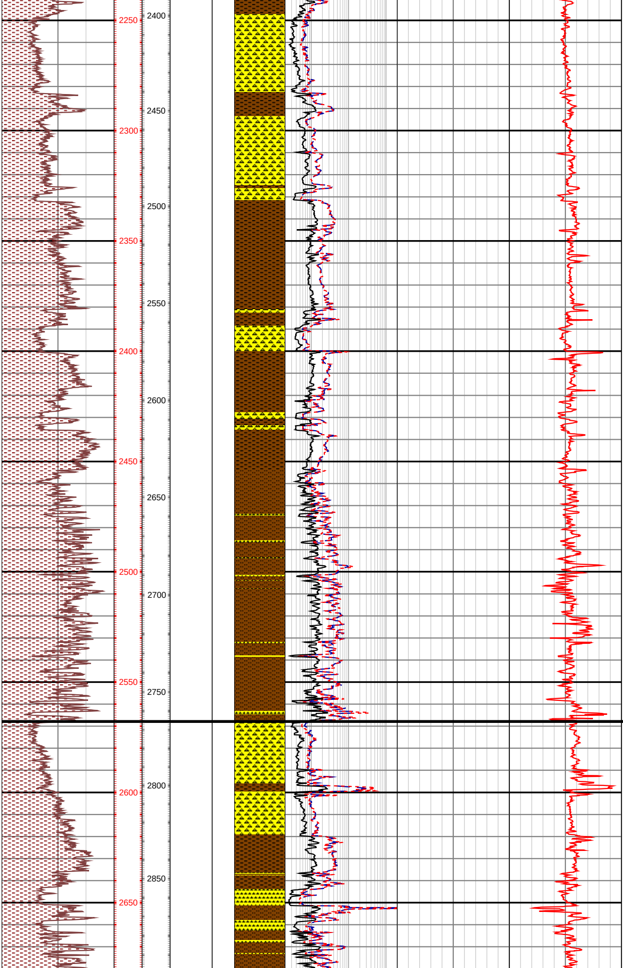
SILSTONE: Light medoium brown, green brown, amorphous, 40% siliceous clay, 60% siliceous silt, trace glauconite. Grades to CLAYSTONE

SANDSTONE: Loose, subangular to sub rounded, poorly sorted, slightly spherical to slighly elongated, 30% very fine grained, 40% fine grained, 20% medium graine, 10% coarse grained, trace pyrite, glauconite, no shows

2310-2500mMDRT Dominantly SANDSTONE interbedded with occasional SILSTONE and CLAYSTONE beds

SANDSTONE: Loose, poorly sorted, dominantly medium to coarse grained, with very fine to granule present, very glauconitic near top of section, trace pyrite and chlorite. No shows

CLAYSTONE: Light grey, rare slighly greenish grey, very soft, amorphous, 85% siliceous clay, 15% silceous sand



SILTSTONE: Brownish grey, very soft to soft, amporphous to sub blocky, 15% silceous clay, 85 silecous silt, trace pyrite, coal

2500-2765mMDRT: Dominantly SILTY CLAYSTONE interbedded with SILTSTONE and SANDSTONE. Often gradation between CLAYSOTNE and SILTSTONE

SILTY CLAYSTONE:Light olive brown, light grey, light brown-grey, very soft, amporphous, 80% siliceous clay, 20% silceous silt. Grades to siltstone.

SILTSTONE: Light medium brown, grey brown, amorphous, 40% Silceous clay, 60% silceous silt, race pyrite

SANDSTONE: Loose, subangular to rounded, poorly sorted, dominantly medium to coarse graines, with very fine to granule fractions, trace pyrite cement. No shows

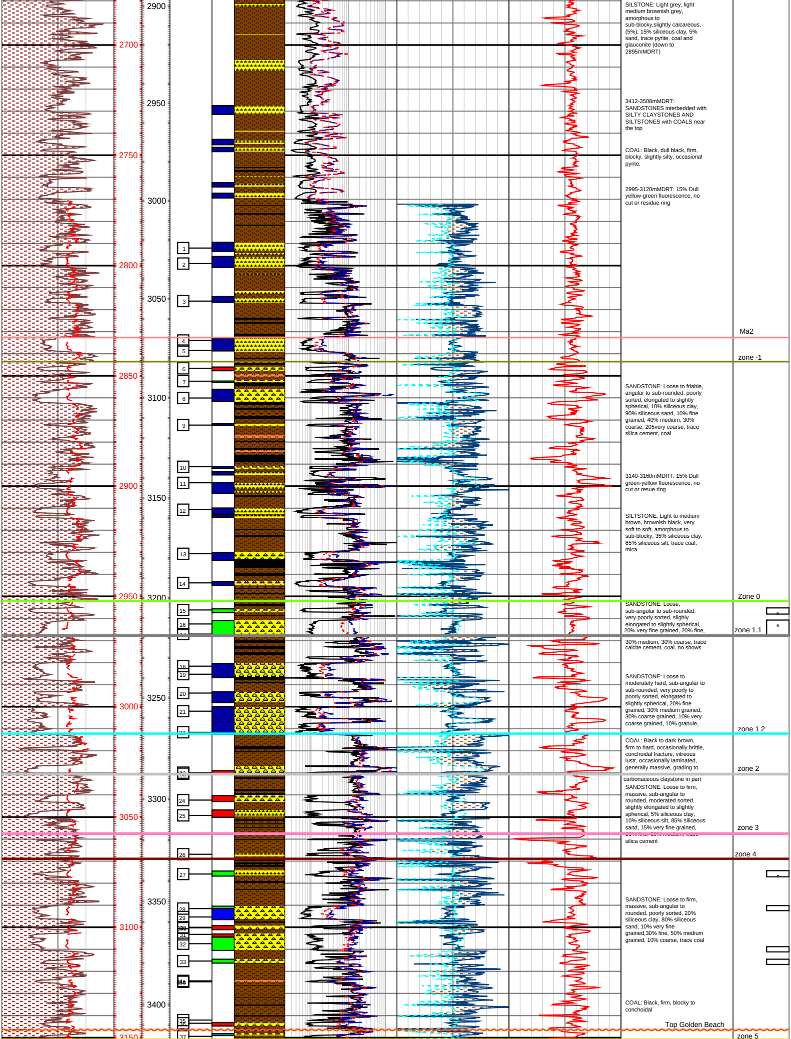
K2 sand top

2765-2827mMDRT Regional marine, prograding, coarsening up SANDSTONE. SANDSTONE is dominantly coarse to very coarse, decreasing in grainsize downsection to dominantly medium near base with increase in clay content. No shows

12 1/4' hole, maximum deviation 33.2deg at 2816mMDRT, down to 18.9deg at TD on azimuth 130deg

2827-3070mMDRT: SILTSONES predominate, interbedded with CLAYSTONES (upper section) and SANDSTONES. Glauconite presnt to 2845mMDRT Thin COALS increase down section.

CLAYSTONE: Medium dark grey, very dark grey, slightly calcareous.



SILSTONE: Light grey, light medium brownish grey, amorphous to sub-blocky,slightly calcareous, (5%), 15% siliceous clay, 5% sand, trace pyrite, coal and glauconite (down to 2895mMDRT)

3412-3508mMDRT: SANDSTONES interbedded with SILTY CLAYSTONES AND SILTSTONES with COALS near the top

COAL: Black, dull black, firm, blocky, slightly silty, occasional pyrite.

2995-3120mMDRT: 15% Dull yellow-green fluorescence, no cut or residue ring

SANDSTONE: Loose to friable, angular to sub-rounded, poorly sorted, elongated to slightly spherical, 10% siliceous clay, 90% siliceous sand, 10% fine grained, 40% medium, 30% coarse, 205very coarse, trace silica cement, coal

3140-3160mMDRT: 15% Dull green-yellow fluorescence, no cut or resue ring

SILTSTONE: Light to medium brown, brownish black, very soft to soft, amorphous to sub-blocky, 35% siliceous clay, 65% siliceous silt, trace coal, mica

SANDSTONE: Loose, sub-angular to sub-rounded, very poorly sorted, slighly elongated to slightly spherical, 20% very fine grained, 20% fine, 30% medium, 30% coarse, trace calcite cement, coal, no shows

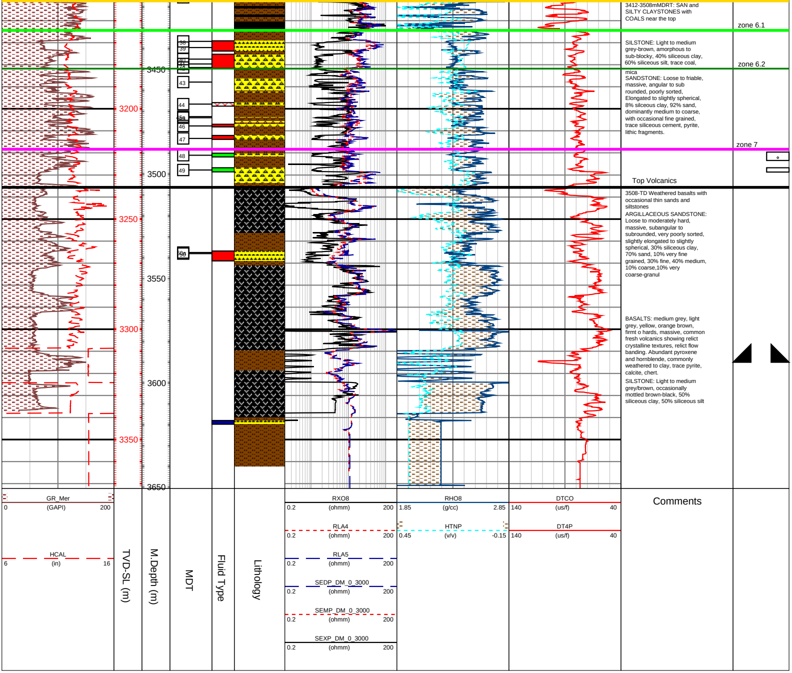
SANDSTONE: Loose to moderately hard, sub-angular to sub-rounded, very poorly to poorly sorted, elongated to slightly spherical, 20% fine grained, 30% medium grained, 30% coarse grained, 10% very coarse grained, 10% granule,

COAL: Black to dark brown, firm to hard, occasionally brittle, conchoidal fracture, vitreous lustr, occasionally laminated, generally massive, grading to carbonaceous claystone in part

SANDSTONE: Loose to firm, massive, sub-angular to rounded, moderated sorted, slightly elongated to slightly spherical, 5% siliceous clay, 10% siliceous silt, 85% siliceous sand, 15% very fine grained, [illegible]% fine, 30% medium, trace silica cement

SANDSTONE: Loose to firm, massive, sub-angular to rounded, poorly sorted, 20% siliceous clay, 80% siliceous sand, 10% very fine grained,30% fine, 50% medium grained, 10% coarse, trace coal

COAL: Black, firm, blocky to conchoidal



3412-3508mMDRT: SAN and SILTY CLAYSTONES with COALS near the top

SILSTONE: Light to medium grey-brown, amorphous to sub-blocky, 40% siliceous clay, 60% siliceous silt, trace coal, mica

SANDSTONE: Loose to friable, massive, angular to sub rounded, poorly sorted, Elongated to slightly spherical, 8% silceous clay, 92% sand, dominantly medium to coarse, with occasional fine grained, trace siliceous cement, pyrite, lithic fragments.

Top Volcanics

3508-TD Weathered basalts with occasional thin sands and siltstones

ARGILLACEOUS SANDSTONE: Loose to moderately hard, massive, subangular to subrounded, very poorly sorted, slightly elongated to slightly spherical, 30% siliceous clay, 70% sand, 10% very fine grained, 30% fine, 40% medium, 10% coarse,10% very coarse-granul

BASALTS: medium grey, light grey, yellow, orange brown, firmt o hards, massive, common fresh volcanics showing relict crystalline textures, relict flow banding. Abundant pyroxene and hornblende, commonly weathered to clay, trace pyrite, calcite, chert.

SILSTONE: Light to medium grey/brown, occasionally mottled brown-black, 50% siliceous clay, 50% siliceous silt