

Project: YORK

Title:

Hole Name : YP002

Date Start: 09-FEB-11 End date : 10-FEB-11

Data Source :

LOCATION

State : Tasmania
 County :
 Parish :
 Portion :
 Geological Province : Tasmania Basin
 Lease : EL49/2007 - York Plains
 Map Zone : AMG84 - Zone 55H
 Easting Northing Elevation
 Drill Hole Location : 539586.23 5321023.25 400.86

DRILLING

Contractor : Spaulding Drillers
 Drill Type : Rotary (Chip) Hole
 Drill Rig : Spaulding Drillers
 Drilled To Hole Size Core Size
 72 178mm

GEOPHYSICAL

Contractor : GDS
 Probe Depth Probe Type
 71.6 Gamma
 Caliper
 Dual Density

LITHOLOGICAL

Logger's Initials : Andrew Basson,Lindsay Smith,Andrew Basson
 Date logged : 09-FEB-11,10-FEB-11
 Interval logged : 0 to 72

SEAM DETAILS

Seam Name	From	To
BHWE	10.00	10.00
UU1	16.60	18.20
UU2	20.80	23.70
UL1	26.44	26.75
UL2	28.26	28.65

Project: YORK

Title:

Hole Name : YP002

 TOP BASE LITHOLOGY SAMPLE

Hammer

0.000 - 1.000	SOIL dark brown carbonaceous
(1.000)	moderately strong rock highly weathered
1.000 - 2.000	DOLOMITE dark grey sandstone bands
(1.000)	strong rock sharp wavy base
2.000 - 3.000	CLAYSTONE whitish grey high ash firm
(1.000)	sharp wavy base
3.000 - 6.000	SANDSTONE light brown medium grained
(3.000)	doleritic fragments weak rock highly weathered
6.000 - 7.000	SAND unconsolidated moderately
(1.000)	weathered
7.000 - 9.000	SANDSTONE light yellowish brown weak
(2.000)	rock sharp wavy base
9.000 - 10.000	SANDSTONE light brownish yellow
(1.000)	minor carbonaceous wisps weak rock sharp wavy base

10.000	*** Base Horizon of Weathering
--------	--------------------------------

10.000 - 13.800	SANDSTONE medium grey medium grained
(3.800)	minor carbonaceous wisps moderately weak rock fresh
13.800 - 16.600	SANDSTONE medium grey medium grained
(2.800)	carbonaceous siltstone partings weak rock fresh rare coaly fragments

16.600	*** TOP OF
--------	------------

16.600 - 17.990	COAL UNDIFF black fresh
(1.390)	
17.990 - 18.060	CARBONACEOUS SILTSTONE dark greyish
(0.070)	black moderately weak rock fresh
18.060 - 18.200	STONY COAL brownish black fresh
(0.140)	

18.200	*** BASE OF
--------	-------------

*** GEOLOGICAL THICKNESS:	1.600 Metres	***
---------------------------	--------------	-----

18.200 - 20.800	SILTSTONE medium grey weak rock
(2.600)	fresh

20.800	*** TOP OF
--------	------------

20.800 - 21.600	STONY COAL brownish black moderately
(0.800)	strong rock fresh
21.600 - 21.650	

Project: YORK

Title:

Hole Name : YP002

 TOP BASE LITHOLOGY SAMPLE

(0.050)	SILTSTONE medium grey moderately weak rock fresh
21.650 - 21.990	STONY COAL brownish black fresh
(0.340)	
21.990 - 22.100	SILTSTONE medium grey weak rock fresh
(0.110)	
22.100 - 22.880	STONY COAL brownish black moderately strong rock fresh
(0.780)	
22.880 - 23.000	SILTSTONE medium grey weak rock fresh
(0.120)	
23.000 - 23.700	STONY COAL brownish black fresh
(0.700)	

23.700 *** BASE OF

*** GEOLOGICAL THICKNESS: 2.900 Metres ***

23.700 - 25.540	SANDSTONE medium grey fine grained clayey weak rock fresh
(1.840)	
25.540 - 25.650	CARBONACEOUS SILTSTONE dark blackish brown moderately weak rock fresh
(0.110)	
25.650 - 26.440	SILTSTONE light grey clayey weak rock fresh
(0.790)	

26.440 *** TOP OF

26.440 - 26.750	STONY COAL black fresh
(0.310)	

26.750 *** BASE OF

*** GEOLOGICAL THICKNESS: .310 Metres ***

26.750 - 28.260	SILTSTONE dark grey carbonaceous weak rock fresh
(1.510)	

28.260 *** TOP OF

28.260 - 28.650	STONY COAL brownish black weak rock fresh
(0.390)	

28.650 *** BASE OF

*** GEOLOGICAL THICKNESS: .390 Metres ***

28.650 - 29.500	SILTSTONE dark grey weak rock fresh
(0.850)	
29.500 - 30.500	SANDSTONE medium grey fine grained weak rock fresh
(1.000)	
30.500 - 32.500	SHALE medium grey siltstone partings weak rock fresh
(2.000)	

Project: YORK

Title:

Hole Name : YP002

```

*****
TOP          BASE          LITHOLOGY          SAMPLE
*****
32.500 - 34.000  SILTSTONE medium grey minor coaly
(    1.500    )  fragments moderately weak rock fresh
34.000 - 35.500  SANDSTONE medium grey fine to medium
(    1.500    )  grained moderately weak rock fresh
35.500 - 37.000  SANDSTONE medium grey medium grained
(    1.500    )  moderately weak rock fresh
37.000 - 42.000  SANDSTONE medium grey coarse grained
(    5.000    )  lithic moderately strong rock fresh
42.000 - 45.000  CARBONACEOUS SILTSTONE dark brownish
(    3.000    )  grey moderately strong rock fresh
45.000 - 47.000  SANDSTONE medium grey medium and
(    2.000    )  coarse grained lithic moderately
                  strong rock fresh
47.000 - 50.250  SANDSTONE medium grey coarse grained
(    3.250    )  lithic moderately strong rock fresh
50.250 - 50.580  CARBONACEOUS SILTSTONE dark blackish
(    0.330    )  grey moderately strong rock fresh
50.580 - 50.670  SILTSTONE dark grey moderately weak
(    0.090    )  rock fresh
50.670 - 51.600  CARBONACEOUS SILTSTONE dark blackish
(    0.930    )  grey moderately strong rock fresh
51.600 - 51.700  SILTSTONE dark grey moderately weak
(    0.100    )  rock fresh
51.700 - 52.140  STONY COAL dark brownish black
(    0.440    )  moderately strong rock fresh
52.140 - 53.200  SILTSTONE dark grey moderately weak
(    1.060    )  rock fresh
53.200 - 54.000  SANDSTONE dark grey fine grained
(    0.800    )  moderately weak rock fresh
54.000 - 57.800  SANDSTONE medium grey medium grained
(    3.800    )  carbonaceous wisps near top of unit
                  moderately weak rock fresh
57.800 - 61.200  SANDSTONE medium greenish grey fine
(    3.400    )  grained high ash doleritic bands
                  moderately strong rock fresh common
                  secondary/accessory calcite in veins
61.200 - 72.000  DOLOMITE dark grey very strong rock
(   10.800    )  fresh minor secondary/accessory
                  calcite in veins

72.000          ***** TOTAL DEPTH *****

```