



R.L. 8812
RELINQUISHMENT REPORT
CORNWALL COAL CO. N.L.
DECEMBER 1995

This area lies south of the DUNCAN MINE lease, and adjoins R.L.8816. Drilling by the Department of Mines on the Fingal Tier extended into R.L.8812, and holes 58, 60, 62, 64, 67, 75, 76 and 78 intersected the Triassic coal measures of the Parmeener Super Group. All except 3km² of R.L.8812 are being relinquished on 23.12.95, as shown on Figure A1.

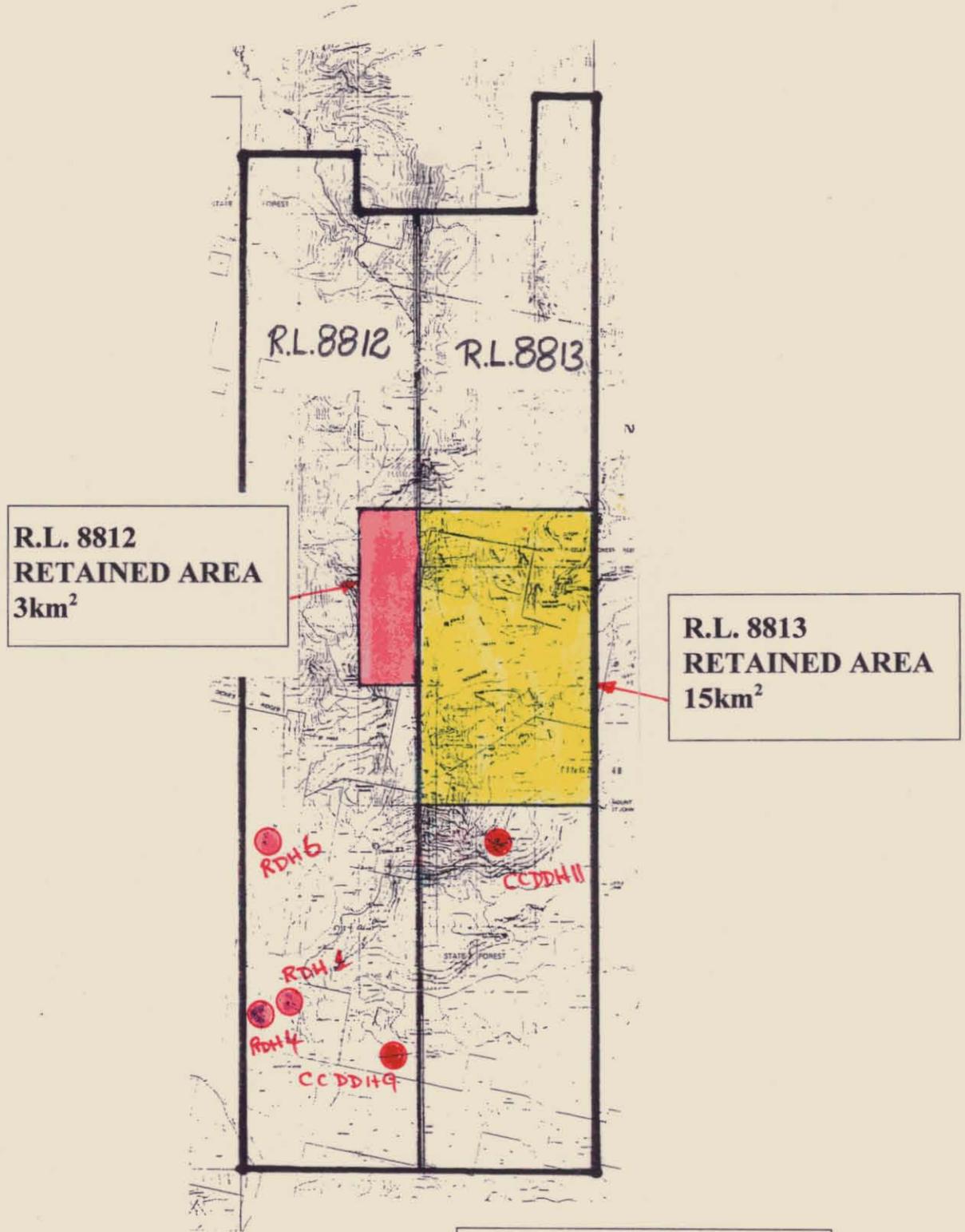
In the relinquished area 4 holes were drilled by Cornwall Coal as follows:

| | | Total Depth |
|------|----------------------|-------------|
| 1984 | St. Pauls River DDH9 | 174.3m |
| 1994 | RGRDH1 | 36.5m |
| 1994 | RGRDH4 | 37.0m |
| 1995 | LOCHABER RG RDH6 | 28.0m |

The drill logs of these holes are included as Appendix A.

The shallow rotary open holes intersected coal measures, but no significant coaly intervals. DDH9 intersected several thin coal seams, including a 1.175m seam at 137.045m, that was sampled and analysed. The results are included with the drill log.

The coal measures in the relinquished part of R.L.8812 are generally under thick dolerite cover in the north but in the south they do crop out. The drilling data that is available indicates that economically mineable seams of coal are unlikely to exist in the area to be relinquished.



R.L. 8812
RETAINED AREA
3km²

R.L. 8813
RETAINED AREA
15km²

RDH4 HOLE DRILLED BY
● CORNWALL COAL N.L.

FIGURE A1
R.L.8812 & R.L.8813
LOCHABER
SCALE 1:100,000
DECEMBER 1995

5 cm

APPENDIX A

R.L.8812

DRILL LOGS

RG RDH1

RG RDH4

LOCHABER RDH6

ST PAULS RIVER DDH9



740005

CORNWALL COAL RG RDH1
RETENTION LICENCE 8812

| | | | |
|-------------------------|---------------------|--------------------|--------------------|
| Location: | Royal George | Logged by: | J. Bryan |
| AMG Coordinates: | E584800 N5370700 | Drilled by: | Stacpoole Drilling |
| Collar R.L.: | 290m | Commenced: | 1.11.94 |
| Total Depth: | 36.5m | Completed: | 1.11.94 |

| | Estimated Thickness (m) | Estimated Depth to Base of Stratum (m) | Remarks |
|--|-------------------------|--|-----------------------------------|
| SCREE AND COLLUVIUM - INCLUDING DOLERITE | 4.0 | 4.0 | 7" to 6m (hammer) 4 1/2" to 36.5m |
| SANDSTONE, brown, weathered - minor mudstone partings | 4.0 | 8.0 | |
| SANDSTONE/SILTSTONE 50:50 grey/brown, partly weathered | 3.0 | 11.0 | Base of Weathering 17.0m |
| SANDSTONE, grey, lithic, hard | 17.0 | 28.0 | |
| MUDSTONE, grey, soft | 1.0 | 29.0 | |
| SANDSTONE, grey, lithic, medium grained | 7.50 | 36.50 | T.D. DRY HOLE |

**CORNWALL COAL RG RDH4
RETENTION LICENCE 8812**

| | | | |
|-------------------------|---------------------|--------------------|--------------------|
| Location: | Royal George | Logged by: | J. Bryan |
| AMG Coordinates: | E584100 N5370500 | Drilled by: | Stacpoole Drilling |
| Collar R.L.: | 245m | Commenced: | 2.11.94 |
| Total Depth: | 37.0m | Completed: | 2.11.94 |

| | Estimated Thickness (m) | Estimated Depth to Base of Stratum (m) | Remarks |
|--|-------------------------------|--|---------------------------|
| SANDSTONE 60% CLAYSTONE 40% | 4.0 | 4.0 | |
| BROWN, WEATHERED | | | 6" Hammer to 12m |
| MUDSTONE orange/brown (weathered) | 1.2 | 5.2 | |
| CLAYSTONE, black, carbonaceous (weathered) | 0.9 | 6.1 | 4 1/2" hammer to 37.0m |
| MUDSTONE, brown/grey/orange (weathered) | 4.9 | 11.0 | |
| SANDSTONE (20%), SILTSTONE (30%) MUDSTONE (50%) grey, hard | 5.0 | 16.0 | |
| MUDSTONE, mid to dark grey, carbonaceous | 1.1 | 17.1 | |
| COAL & CARBONACEOUS MUDSTONE | 0.9 | 18.0 | Water flow in coal* |
| MUDSTONE, grey | 2.0 | 20.0 | |
| SANDSTONE 70%, grey, lithic with MUDSTONE 30%, grey | 7.0 | 27.0 | Dry below coal |
| COALY CLAYSTONE, black | 1.0 | 28.0 | |
| MUDSTONE 70% grey and SANDSTONE 30% grey | 9.0 | 37.0 | T.D. |

17.1m-18.0m Raw Ash 60.7% (C.C.C. Laboratory)

CORNWALL COAL LOCHABER RG RDH6

| | | | |
|-------------------------|------------|--------------------|--------------------|
| Location: | "Lochaber" | Logged by: | J. Bryan |
| AMG Coordinates: | E584350 | Drilled by: | Stacpoole Drilling |
| Collar R.L.: | N5373350 | Commenced: | 17.3.95 |
| Total Depth: | 28.0 | Completed: | 17.3.95 |

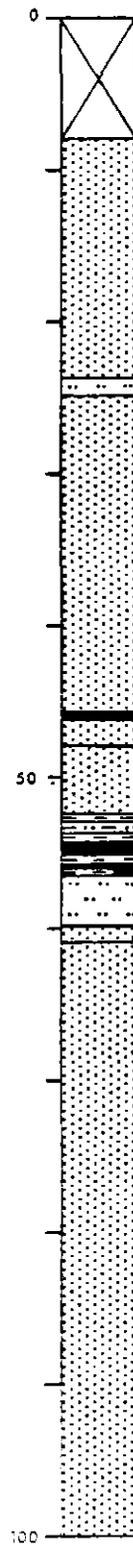
| | Estimated Thickness (m) | Estimated Depth to Base of Stratum (m) | Remarks |
|--|-------------------------------|--|---------------------------|
| SOIL and SCREE | 1.2 | 1.2 | 6 1/2" hammer to 28.0m |
| MUDSTONE, brown, soft, weathered | 11.8 | 13.0 | |
| MUDSTONE, black/brown, carbonaceous | 1.0 | 14.0 | |
| MUDSTONE, brown | 0.9 | 14.9 | |
| SANDSTONE, grey, unweathered | 4.1 | 19.0 | |
| SHALE, dark grey | 3.7 | 22.7 | |
| MUDSTONE, dark brown | 2.4 | 25.1 | |
| SANDSTONE, grey | 2.9 | 28.0 | T.D. 28.0m |

CORNWALL COAL COMPANY N.L.

St Pauls River

DDH 9

740008



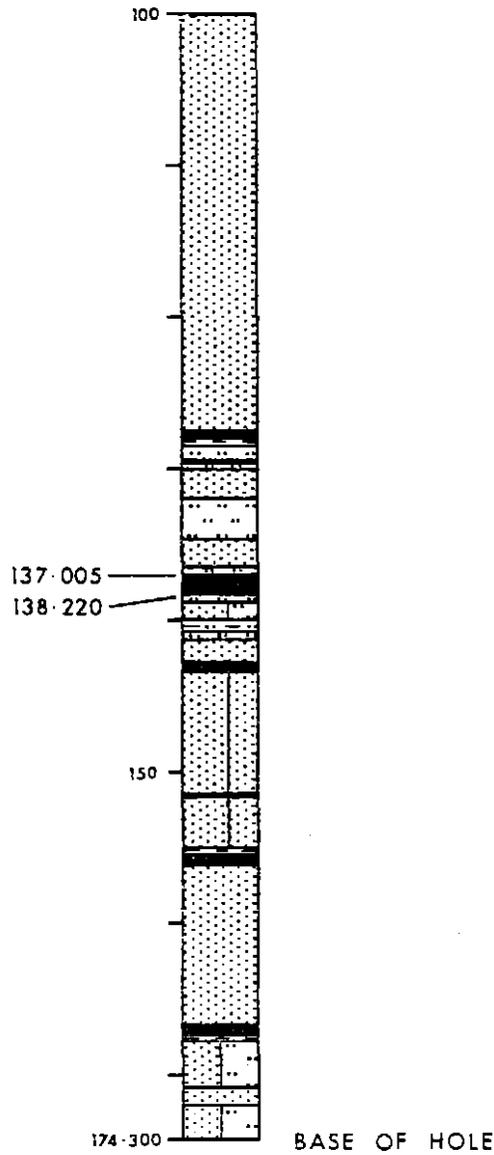
5 cm

CORNWALL COAL COMPANY N.L.

St Pauls River

DDH 9

740009



5 cm

CORNWALL COAL ST PAULS RIVER DDH 9Location: Mt St John SouthLogged by: C.G. LancasterAMG Co-ordinates: E 586 400Drilled by: Stacpoole Drilling

N 5370 000

Collar R.L.: 340 m approx.Commenced: 24.10.84Total Depth: 174.300 mCompleted: 30.10.84

| | <u>Estimated Thickness (m)</u> | <u>Estimated Depth to Base of Stratum (m)</u> | <u>Remarks</u> |
|--|--|---|----------------|
| NOT CORED:open hole to 7.90 m | 7.900 | 7.900 | |
| SANDSTONE, light grey, mostly medium to coarse with minor very coarse phases and bands, lithic, numerous carbonaceous and coaly partings and laminae at top some planar others wavy, bedding very thin to thick, parallel to wavy, fissile to blocky, broken in places (thinner breaks may be related to weathering), sorting moderate to good | 15.810 | 23.710 | |
| SILTSTONE, grey to dark grey, sporadic irregular coaly laminae, carbonaceous and plant remains throughout, relatively soft, weathering induced dessication features, friable, grades to sandstone at base, bedding wavy to irregular | 1.080 | 24.790 | |

CORNWALL COAL ST PAULS RIVER DDH 9

740011

| | <u>Estimated Thickness (m)</u> | <u>Estimated Depth to Base of Stratum (m)</u> | <u>Remarks</u> |
|--|--|---|----------------|
| SANDSTONE, light grey, medium to coarse, lithic, minor silty horizons, sporadic irregular carbonaceous and coaly wisps and blebs and planar laminae, several well rounded pebbles in top 0.050 m, bedding thin to thick, massive in basal 6 m, parallel to wavy, mostly blocky with some slabby and flaggy sections in the centre (possibly weathering induced), abrupt basal contact, sorting mostly good | 21.075 | 45.865 | |
| <u>COAL</u> , dull with minor bright bands, sporadic calcite veinlets | 0.235 | 46.100 | |
| SANDSTONE, grey, fine, numerous very fine and silty interbeds, lithic, abundant silty matrix, moderately soft, core broken and fretted (weathering), bedding laminated to very thin, parallel to wavy, fissile and flaggy | 1.850 | 47.950 | |
| SANDSTONE, light grey to grey, fine to medium, lithic, grades to coarse at base, siltstone band 0.230 m thick in centre, core surface fretted and soft, bedding thin to medium, parallel to sub-parallel, blocky to massive | 4.280 | 52.230 | |

CORNWALL COAL ST PAULS RIVER DDH 9

740012

| | <u>Estimated Thickness</u> (m) | <u>Estimated Depth to Base of Stratum</u> (m) | <u>Remarks</u> |
|--|---------------------------------------|--|----------------|
| SANDSTONE, light grey, fine to very fine, numerous silty laminae, lithic, soft and fretted (weathering), sporadic carbonaceous partings, bedding laminated, wavy to sub-parallel | 0.440 | 52.670 | |
| CLAYSTONE, brownish-grey, completely fretted and friable, grades to underlying unit | 0.300 | 52.970 | |
| SILTSTONE, grey, soft and friable, fretted at top 0.500 m, minor very fine sandy phases, laminated, grades to underlying unit | 0.740 | 53.710 | |
| CLAYSTONE, dark brown to black, carbonaceous in part, soft and friable, grades to underlying unit | 0.170 | 53.880 | |
| CLAYSTONE, grey, friable and crumbly, soft (weathering), core completely shattered in places | 0.510 | 54.390 | |
| <u>COAL</u> , dull to stony, soft puggy claystone band (0.015 m thick) | | | |
| at top | 0.375 | 54.765 | |
| , bright | 0.025 | 54.790 | |
| , stony to dull with minor bright bands, thin carbonaceous claystone laminae at base | 0.110 | 54.900 | |

CORNWALL COAL ST PAULS RIVER DDH 9

740013

| | <u>Estimated Thickness</u> (m) | <u>Estimated Depth to Base of Stratum</u> (m) | <u>Remarks</u> |
|--|---------------------------------------|--|----------------|
| CLAYSTONE, grey to black, carbonaceous in part, soft and crumbly at top half | 0.080 | 54.980 | |
| <u>COAL</u> , dull with minor bright bands , bright | 0.040 0.035 | 55.020 55.055 | |
| CLAYSTONE, dark grey to black, carbonaceous in part, thin coaly wisps, soft, crumbly | 0.055 | 55.110 | |
| CLAYSTONE, grey to black, carbonaceous bands in places, soft and completely crumbly, friable (weathering) | 0.610 | 55.720 | |
| <u>COAL</u> , dull with minor bright bands | 0.085 | 55.805 | |
| CLAYSTONE, speckled grey-brown | 0.020 | 55.825 | |
| <u>COAL</u> , stony to dull with minor bright bands, broken in basal half | 0.130 | 55.955 | |
| CLAYSTONE AND <u>COAL</u> INTERBEDDED, ratio 70:30. Claystone, dark grey- black, carbonaceous in part; coal, dull, core broken and friable in places | 0.440 | 56.395 | |
| SILTSTONE, grey, soft, crumbly and friable, very fine sandy phases at base | 3.370 | 59.765 | |

740014

CORNWALL COAL ST PAULS RIVER DDH 9

| | <u>Estimated Thickness (m)</u> | <u>Estimated Depth to Base of Stratum (m)</u> | <u>Remarks</u> |
|---|--|---|----------------|
| SANDSTONE, light grey to grey, fine to very fine, lithic, numerous silty phases at top, bedding laminated to thin, wavy to parallel, soft and crumbly | 1.125 | 60.890 | |
| SANDSTONE, light grey, medium to coarse, lithic, minor irregular siltstone and carbonaceous inclusions particularly 86.00 - 92.50 m and 116.50 - 118.00 m, bedding mostly massive, wavy to parallel, splitting mostly massive with some sporadic crumbly flaggy sections at 86.00 - 92.50 m, hard and competent basal 10.00 m | 66.620 | 127.510 | |
| <u>COAL</u> , dull with minor bright bands, stony at top | 0.090 | 127.600 | |
| CLAYSTONE, dark grey to black, carbonaceous in part, moderately hard | 0.225 | 127.825 | |
| <u>COAL</u> , dull to stony | 0.065 | 127.890 | |
| CLAYSTONE, black, carbonaceous to coaly | 0.040 | 127.930 | |
| <u>COAL</u> , dull to stony | 0.265 | 128.195 | |
| SANDSTONE, light grey, medium, lithic | 0.035 | 128.230 | |

CORNWALL COAL ST PAULS RIVER DDH 9

740015

| | <u>Estimated Thickness (m)</u> | <u>Estimated Depth to Base of Stratum (m)</u> | <u>Remarks</u> |
|---|--|---|----------------|
| CLAYSTONE, dark grey to black, carbonaceous to coaly in part at top and base | 0.290 | 128.520 | |
| CLAYSTONE, grey, carbonaceous at base | 0.080 | 128.600 | |
| <u>COAL</u> , stony to dull with minor bright bands | 0.035 | 128.635 | |
| SILTSTONE, grey, plant remains on partings, core broken and crumbly near base, fissile to flaggy | 0.890 | 129.525 | |
| <u>COAL</u> , dull, broken | 0.130 | 129.655 | |
| SILTSTONE, grey, numerous carbonaceous remains on laminations, fissile at top, sandy at base, grades to underlying unit | 0.515 | 130.170 | |
| SANDSTONE, light grey, fine at top, grading to medium at base, lithic, sporadic irregular carbonaceous and coaly inclusions | 1.880 | 132.050 | |
| CORE LOSS | 0.300 | 132.350 | |
| SILTSTONE, grey to dark grey, carbonaceous in places, numerous fine sandy phases, core broken in places, minor irregular coaly laminae | 2.420 | 134.770 | |

740016

CORNWALL COAL ST PAULS RIVER DDH 9

| | <u>Estimated Thickness (m)</u> | <u>Estimated Depth to Base of Stratum (m)</u> | <u>Remarks</u> |
|---|--|---|------------------------|
| SANDSTONE, light grey, fine, lithic, sporadic silty phases and laminae, bedding very thin to medium, wavy to subparallel, slabby to blocky | 1.765 | 136.535 | |
| SILTSTONE, grey, minor subhorizontal slickensided surfaces, carbonaceous parting(0.020 m thick) near base, flaggy to fissile and crumbly at base, slickensided surface 45° dip 0.100 m from base | 0.470 | 137.005 | |
| <u>COAL</u> , dull | 0.020 | 137.025 | |
| CLAYSTONE, brown, fissile | 0.020 | 137.045 | |
| <u>COAL</u> , stony to dull, slickensided surface near top | 0.530 | 137.575 |) |
| CLAYSTONE, speckled brown | 0.015 | 137.590 |) |
| <u>COAL</u> , dull | 0.025 | 137.615 |) |
| CLAYSTONE, speckled brown | 0.015 | 137.630 |) PLY 1) Thickness |
| <u>COAL</u> , dull with minor bright bands | 0.050 | 137.680 |) 1.175m |
| , mainly dull | 0.130 | 137.810 |) |
| , dull with minor bright bands | 0.115 | 137.925 |) |
| , dull | 0.105 | 138.030 |) |
| , dull with numerous bright bands, broken in part | 0.080 | 138.110 |) |
| , dull | 0.080 | 138.190 |) |
| , dull with numerous bright bands | 0.030 | 138.220 |) |

CORNWALL COAL ST PAULS RIVER DDH 9

740017

| | <u>Estimated Thickness (m)</u> | <u>Estimated Depth to Base of Stratum (m)</u> | <u>Remarks</u> |
|--|--|---|----------------|
| CLAYSTONE, black, carbonaceous | 0.095 | 138.315 | |
| SILTSTONE, grey to dark grey, carbonaceous near base, fissile and crumbly, grades to underlying unit | 0.455 | 138.770 | |
| SANDSTONE AND SILTSTONE LAMINITE, ratio 70:30. Sandstone, light grey, fine, lithic; siltstone, grey, bedding parallel to subparallel, planar and smooth, bioturbation in places, minor small scale faulting and other small scale sedimentary deformation | 1.300 | 140.070 | |
| SILTSTONE AND CARBONACEOUS SHALE LAMINITE: ratio 70:30. Siltstone, grey to dark grey; carbonaceous shale, black, bedding wavy to subparallel, fissile in places | 0.830 | 140.900 | |
| SILTSTONE, grey, grades to very fine sandstone at base, minor bioturbation, grades to underlying unit | 0.485 | 141.385 | |
| SANDSTONE, light grey to grey, fine to very fine, lithic, numerous silty phases, bedding laminated to thin, wavy to subparallel, flaggy, carbonaceous in part at base | 1.475 | 142.860 | |

CORNWALL COAL ST PAULS RIVER DDH 9

740018

| | <u>Estimated Thickness</u> (m) | <u>Estimated Depth to Base of Stratum</u> (m) | <u>Remarks</u> |
|---|---------------------------------------|--|----------------|
| CLAYSTONE, coaly | 0.070 | 142.930 | |
| <u>COAL</u> , stony | 0.100 | 143.030 | |
| , dull with minor bright bands | 0.300 | 143.330 | |
| SANDSTONE AND SILTSTONE INTERBEDDED, ratio 60:40. Sandstone, light grey to grey, fine to very fine, lithic; siltstone, grey to dark grey, carbonaceous near base of unit, bedding laminated to thin, wavy to subparallel, mostly flaggy at top to slabby at base | 8.200 | 151.530 | |
| <u>COAL</u> , stony to dull with minor bright bands | 0.150 | 151.680 | |
| SANDSTONE AND SILTSTONE INTERBEDED, ratio as for 8.200 m unit above | 3.515 | 155.195 | |
| CLAYSTONE, grey to dark grey, carbonaceous in part, numerous siltstone nodules | 0.335 | 155.530 | |
| CLAYSTONE, brown to dark brown | 0.035 | 155.565 | |
| CLAYSTONE, carbonaceous to coaly | 0.075 | 155.640 | |
| CLAYSTONE, brown | 0.015 | 155.655 | |
| <u>COAL</u> , dull with minor bright bands, broken | 0.150 | 155.805 | |

CORNWALL COAL ST PAULS RIVER DDH 9

740019

| | <u>Estimated Thickness (m)</u> | <u>Estimated Depth to Base of Stratum (m)</u> | <u>Remarks</u> |
|---|--|---|----------------|
| <u>COAL</u> , dull with numerous bright bands, broken | 0.280 | 156.085 | |
| , dull with minor bright bands | 0.195 | 156.280 | |
| SILTSTONE, grey, grades to underlying unit, flaggy | 0.380 | 156.660 | |
| SANDSTONE, light grey, grading from fine at top to coarse at base, lithic, bedding thin to thick, sub- parallel, thin laminite section in centre, sorting very good, blocky to massive | 10.085 | 166.745 | |
| <u>COAL</u> , dull | 0.670 | 167.415 | |
| CLAYSTONE, speckled dark brown to brown, carbonaceous at top | 0.040 | 167.455 | |
| CLAYSTONE, carbonaceous to coaly | 0.180 | 167.635 | |
| SANDSTONE AND SILTSTONE LAMINITE, ratio 50:50. Sandstone, light grey to grey, fine to medium, lithic; siltstone, grey to dark grey, bedding subparallel to wavy, subplanar, flaggy to slabby | 2.600 | 170.235 | |
| SANDSTONE, light grey, medium to coarse, lithic, numerous irregular siltstone lenticles and wisps | 0.225 | 170.460 | |

CORNWALL COAL ST PAULS RIVER DDH 9

740020

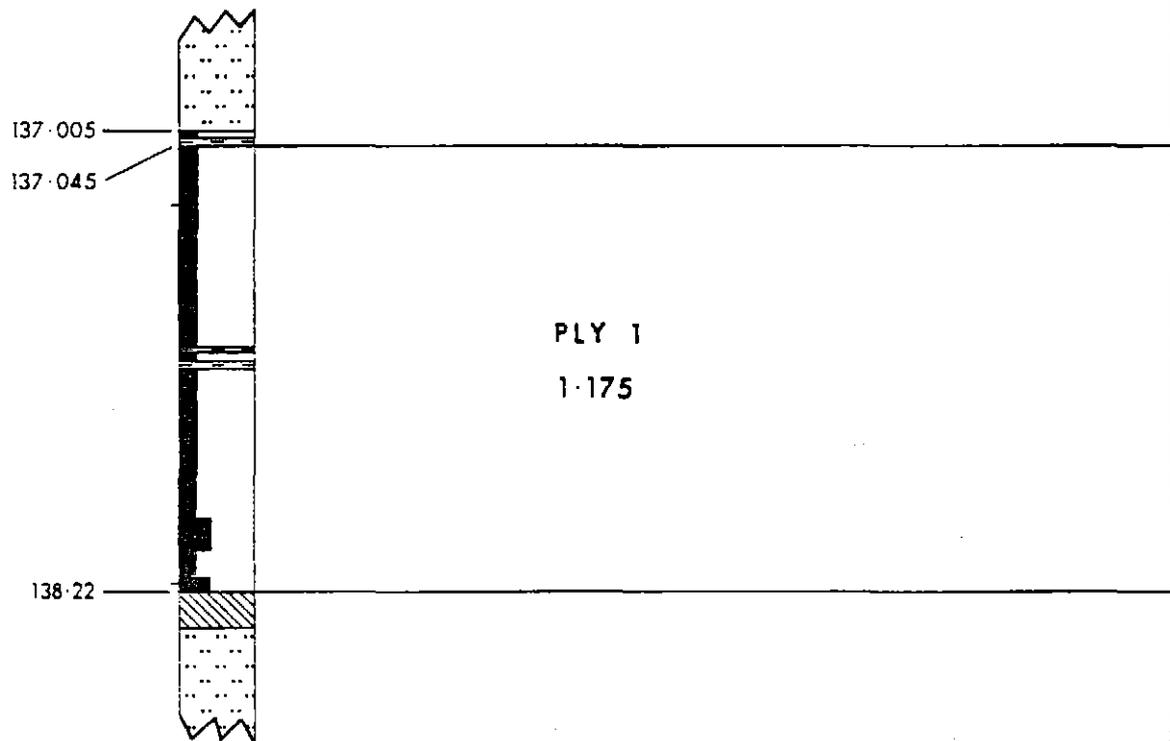
| | <u>Estimated Thickness (m)</u> | <u>Estimated Depth to Base of Stratum (m)</u> | <u>Remarks</u> |
|--|--|---|----------------|
| SANDSTONE AND SILTSTONE LAMINITE, as for 2.600 m unit above | 0.320 | 170.780 | |
| SANDSTONE, light grey, coarse, lithic, bedding thin, subparallel, blocky to massive | 1.180 | 171.960 | |
| SANDSTONE AND SILTSTONE LAMINITE, ratio 50:50. Sandstone, light grey to grey, fine to coarse, lithic; siltstone, grey to dark grey, carbonaceous in part, bedding wavy to subparallel, flaggy to slabby | 2.340 | 174.300 | |

BASE OF HOLE

CORNWALL COAL COMPANY N.L.

St Pauls River
DDH 9

740021



5 cm

740022



Cornwall Coal St Pauls River DDH 9 - ply 1
from 137.045 m to 138.22 m - Thickness 1.175m


SGS Australia Pty. Ltd.

(Incorporated in N.S.W.)

 74 McEvoy St.,
 Alexandria NSW 2015
 Telephone (02) 699 7625.
 Telex 22395
 NATA Reg. No. 1062

Page 1 of 4

 McElroy Bryan & Associates Pty Ltd
 P. O. Box 34
 Willoughby N.S.W. 2068

Attn : Dr. J. H. Bryan

| |
|--|
| REPORT NO <u>SL 2880</u> .. CLIENT REF. NO |
| DATE SAMPLES IN <u>9/11/84</u> |
| DATE REPORT OUT <u>16/11/84</u> |

 REPORT TITLE: ANALYSES OF BORECORES ST. PAULS RIVER,
DDH 9 AND TOWER HILL DDH 14

The tests contained in this report have been carried out in accordance with the Australian Standards or other NATA approved methods listed below:-

| | |
|------------------------------------|---|
| AS 1038 Pt. 1 | Total Moisture |
| AS 1038 Pt. 3 | Proximate Analysis |
| AS 1038 Pt. 5 | Specific Energy |
| AS 1038 Pt. 6 | Ultimate Analysis |
| AS 1038 Pt. 8 | Chlorine |
| AS 1038 Pt.11 | Forms of Sulphur |
| AS 1038 Pt.12.1 | Crucible Swelling Number |
| AS 1038 Pt.12.2 | Gray King Coke Type |
| AS 1038 Pt.14.1 | Ash Analysis |
| AS 1038 Pt.15 | Fusibility of Ash |
| AS 1038 Pt.20 | Hardgrove Grindability Index |
| AS 1038 Pt.21 | Relative Density |
| AS 1661 | Float/Sink Testing |
| AS 1670 xxxxxxxxxxxxxxx | Sampling |
| AS 2137 | Gieseler Plastometer (Dis-continuous stirring method) |
| AS 2486 | Reflectance of Vitrinite |
| AS 2515 | Maceral Analysis |
| ISO 349 | Audibert Arnu Dilatometer |
| ISO 335 | Roga Index |
| ISO 1018 | Moisture Holding Capacity |
| BS 1016 Pt.17 | Size Analysis |
| LECO Method | Total Sulphur |

Samples supplied by client.



| Analysis | Sample Ref. | 20 x 0mm | 0.5 x 0mm | 20 x 0.5mm | |
|-----------------------|-------------|-----------------------------|-----------------------------|----------------------------------|----------------------------------|
| | | St. Pauls River DDH 9 Ply 1 | St. Pauls River DDH 9 Ply 1 | St. Pauls River DDH9/Ply1 F 1.60 | St. Pauls River DDH9/Ply1 S 1.60 |
| Total Moisture | % | 1.175m | | | |
| Moisture | % | 2.8 | | 3.2 | |
| Ash | % | 23.1 | 31.3 | 15.8 | 63.7 |
| Volatile Matter | % | 23.4 | | 24.1 | |
| Fixed Carbon | % | 50.7 | | 56.9 | |
| Crucible Swelling No. | | | | | |
| Specific Energy Mj/kg | | | | | |
| Total Sulphur | % | | | | |
| Carbon | % | | | | |
| Hydrogen | % | | | | |
| Nitrogen | % | | | | |
| Oxygen(plus errors) | % | | | | |
| Carbon Dioxide | % | | | | |
| Chlorine | % | | | | |
| Relative Density | | 1.57 | | 1.45 | 2.06 |
| Mass (kg) | | 2.56 | 0.04 | | |

FUSIBILITY OF COAL ASH (Atmosphere): Sintered Alumina Support

Temperatures °C at Characteristic Shapes

| | | | | | |
|---------------------|--|--|--|--|--|
| Initial Deformation | | | | | |
| Sherical | | | | | |
| Hemispherical | | | | | |
| Flow | | | | | |
| Comments: | | | | | |

BASIS RESULTS REPORTED ON Air Dried

.....
COLIN MEADS
MANAGER - LABORATORIES



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COAL ANALYSIS REPORT

FLOAT / SINK ANALYSIS

ST. PAUL'S RIVER DDH 9 PLY 1

| <u>Relative Density</u> | <u>Fractional (%)</u> | | <u>Cumulative (%)</u> | |
|-------------------------|-----------------------|------------|-----------------------|------------|
| | <u>Mass</u> | <u>Ash</u> | <u>Mass</u> | <u>Ash</u> |
| F 1.60 | 90.6 | 15.8 | 90.6 | 15.8 |
| S 1.60 | 9.4 | 63.7 | 100.0 | 20.3 |

COLIN MEADS
MANAGER - LABORATORIES



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