



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

Well: Blamore-1

| DEPTH | | % | Interp. | F% |
|-----------|---|-------------------|---------------|----|
| 14 – 20m | Sandstone, pale orange, clear to orange stained quartz grains, loose, fine to medium, coarse in part, angular to sub-round. Trace Silcrete/ calcrete, white, hard , angular fragments, slightly to moderately calcareous | Ss 100 | | |
| 20- 30m | Sandstone a/a | Ss 100 | | |
| 30-40m | Sandstone loose a/a 40%, with balance of sample being Sandstone, pale orange, moderately hard to hard, very fine grained, calcareous, grading to Siltstone | Ss 80 Sltst 20 | | |
| 40-50m | Sandstone, 70% loose as above Sandstone, 30% white, friable, brittle, very fine to fine, grained, kaolinitic matrix?, "silcrete" | Ss 100 | | |
| 50 -60m | Sandstone, light grey, white grey, loose to soft, fine to medium, rarely coarse, well sorted, sub-angular with abundant white clay matrix that is largely washed from sample, but clearly present in unwashed sample | Ss 100 | 20% Clyst | |
| 60-70m | Sandstone a/a | Ss 100 | " | |
| 70-80m | Sandstone a/a | Ss 100 | " | |
| 80-90m | Sandstone a/a, slight trace orange clay | Ss 100 | " | |
| 90-100m | Sandstone, light orange grey, light yellow grey, predominantly loose, unconsolidated, fine to medium, predominantly fine, well sorted, sub-angular to angular, soft aggregates, very fine to fine grained, with white, yellow, orange clay matrix, rare muscovite mica as coarse flakes. Claystone, dull yellow, soft, silty | Ss 90 Clyst 10 | 30% Clyst | |
| 100-110m | a/a | Ss 90 Clyst 10 | 20% Clyst | |
| 110-120m | a/a | Ss 90 Clyst 10 | 20% Clyst | |
| 120-130m | a/a | Ss 90 Clyst 10 | 20% Clyst | |
| 130-140m | Generally as above, with some sandstone, hard, well cemented with yellow and orange matrix | Ss 80 Clyst 20 | 40% Clyst | |
| 140-150m | Claystone 60%, light olive grey, soft, sticky, trace scattered lignite fragments, soft to moderately hard, commonly with fibrous woody texture, mixed with Sandstone 20%, loose a/a, with 20% of sample Sandstone/Siltstone, hard, dull red, yellow orange in part | Ss 40 Clyst 60 | 80 % Clyst | |
| 150-160m | Sandstone, light olive grey, unconsolidated, fine to medium, predominantly fine, well sorted, angular, predominantly clear quartz grains, some yellow and orange coloured quartz grains and fragments in sample. Claystone, medium light grey, soft, sticky, trace scattered lignite fragments commonly with fibrous woody texture, non calcareous (probably represents formation being drilled) | Ss 90 Clyst 10 | 10 90 | |
| 160-170m | a/a | a/a | | |
| 170-180m | a/a | a/a | | |
| 180-190m | Claystone a/a Sandstone a/a | Clyst 70 Ss 30 | 100 | |
| 190-200m | a/a | a/a | | |
| 200-210m | a/a Claystone, generally as above, minor hues of green, possible glauconite | a/a | | |
| 210-220m | a/a | Clyst 90 Ss 10 | 100 | |
| 220-230m | Sandstone, (20%) light grey, friable to firm, fine, sub-angular argillaceous, light grey and white clay matrix, tight, possible glauconite ? and Sandstone (60%) predominantly fine to medium loose quartz grains as up hole. Claystone, a/a | Clyst 20 Ss 80 | 70 30 | |
| 230-240m | a/a | Clyst 50 Ss 50 | 90 10 | |
| 240-270m | Claystone, medium grey, subtle hint of green occasionally brown in part, soft to firm, non calcareous, trace black specks of lignite/ carbonaceous material, Lignite fragments rare | Clyst 100 | 100 | |
| 270m-280m | Claystone 60% as above, Sandstone 40%, medium grey , loose, fine, sub-angular to angular, rare rounded black glauconite ? grains and black lignite fragments present, trace pyrite | Clyst 50 Ss 50 | 70 30 | |
| 280m-290m | Sandstone 70% a/a Claystone 30% a/a | Clyst 30 Ss 70 | 50 50 | |
| 290m-300m | Claystone , medium grey to medium dark grey, hues of green and lesser brown common, soft to firm, non calcareous, rare to trace lignite, soft to moderately hard, woody texture in part, silty in part | Clyst 100 | 100 | |



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| 300-310m | a/a | Clyst 100 | 100 | |
| 310-320m | a/a | " | " | |
| 320-330m | a/a | " | " | |
| 330-340m | a/a | " | " | |
| 340-350m | Sandstone, light grey, loose, fine, well sorted, angular , associated with greener coloured clays, Claystone generally as above | Ss 60 Clyst 40 | 50 50 | nil |
| 350-360m | Claystone, medium grey, light green grey in part, light brown grey in part, soft to firm, rare to trace lignite fragments, non calcareous, slightly micaceous | Clyst 100 | 100 | |
| 360-370m | a/a | " | " | |
| 370-380m | a/a | " | " | |
| 380-390m | a/a | " | " | |
| 390-400m | a/a | " | " | |
| 400-410m | Sandstone, light to medium grey, predominantly loose, fine, well sorted, angular, quartz grains, clear to grey occasionally green discoloured, rarely very fine grained, friable to moderately hard, well cemented with calcite, quartz grains, trace coal, woody texture in part, in part dull soft, becomingly more brittle, moderately hard, angular fracture, subvitreous. Claystone medium grey to medium dark grey, soft to firm, silty in part, non to very slightly calcareous, rare very fine coal fragments, look like glauconite grains in part | Ss 70 Clyst 30 | | nil |
| 410-420m | a/a | Ss 60 Clyst 40 | | nil |
| 420-430m | a/a | Ss 50 Clyst 50 | | |
| 430-440m | a/a | Ss 30 Clyst 70 | | |
| 440-450m | a/a | Ss 30 Clyst 70 | | |
| 450-460m | Claystone, medium dark grey, soft to firm, non calcareous to very slightly calcareous, very rare coaly fragments as very specks/grains | Clyst 90 Ss 10 | | |
| 460-470m | a/a | Clyst 100 | | |
| 470-480m | a/a | Clyst 100 | | |
| 480-490m | Claystone, as above, cuttings more angular, less silty | Clyst 100 | | |
| 490-500m | a/a | Clyst 100 | | |
| 500-510m | a/a | Clyst 100 | | |
| 510-520m | Sandstone, light grey, loose, very fine, angular, trace calcareous cement | Clyst 90 Ss 10 | | nil |
| 520-530m | Claystone, medium dark grey, soft to firm, slightly micaceous, non to slightly calcareous, rare to trace coal fragments and detrital grains Sandstone, medium grey, moderately hard, well cemented, calcareous, tight, very fine grained, angular, grains are commonly stained dull green, more rounded possibly glauconite, rare rounded to angular coarse grains, good trace pyrite coarse fragments | Clyst 90 Ss 10 | | nil |
| 530-540m | Claystone a/a | Clyst 100 | | |
| 540-550m | a/a | a/a | | |
| 550-560m | a/a | a/a | | |
| 560-570m | a/a | a/a | | |
| 570-580m | a/a | a/a | | |
| 580-590m | Claystone, medium dark grey, occasional trace with green hue, soft to firm, rare to trace scattered specks carbonaceous material, very fine to silt specks , non calcareous, very slightly silty and micaceous, rare trace slightly glauconitic with very fine sand, occasional trace pyrite | Clyst 100 | | |
| 590-600m | a/a | a/a | | |
| 600-610m | a/a | a/a | | |
| 610-620m | a/a | a/a | | |
| 620-630m | a/a non calc, soft with medium specks coal | a/a | | |
| 630-640m | Claystone, medium dark grey to dark grey, soft to firm predominantly firm, irregular to blocky cuttings, non calcareous, first appearance elongate aragonite crystal forms, .5-1mm, Inoceramus, black carbonaceous specks, micro lamina rare to poor trace, trace silty and micaceous, trace pyrite | Clyst 100 | | |
| 640-650m | a/a | a/a | | |
| 650-660m | a/a trace smaller inoceramus shell fragment, showing typical multiple aragonite column structure, "prisms". | a/a | | |
| 660-670m | a/a | a/a | | |



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|-----------|---|-----------------------|---------|-----|
| 670-680m | a/a | a/a | | |
| 680-690m | a/a | a/a | | |
| 690-700m | a/a | a/a | | |
| 700-710m | Claystone, medium dark grey, soft to firm, predominantly firm, irregular to blocky cuttings, non calcareous, occasionally very slightly calcareous, rare to trace clear occasionally white, long aragonite forms (prisms), Inoceramus Sp, rare coarse sized fragment fossil shell, orange white, thin flat platey fragments. | Clyst 100 | | |
| 710-720m | a/a | a/a | | |
| 720-730m | a/a | a/a | | |
| 730-740m | Claystone, generally as above, platey shell fragments absent, Inoceramus fragments persist as rare to trace in samples, rare calcite grains, but claystone is non calcareous | Clyst 100 | | |
| 740-750m | a/a | a/a | | |
| 750-760m | a/a | a/a | | |
| 760-770m | Claystone, a/a some cuttings sub fissile 766m – 799m small traces C3, no cut fluorescence from claystone | a/a | | |
| 770-780m | a/a | a/a | | |
| 780-790m | a/a | a/a | | |
| 790-800m | a/a | a/a | | |
| 800-810m | Claystone, dark grey, soft to firm, predominantly firm irregular to blocky cuttings, non calcareous, rare to trace elongate Inoceramus fragment as above, rare calcite fragments | Clyst 100 | | |
| 810-820m | a/a | a/a | | |
| 820-830m | a/a | a/a | | |
| 830-840m | Claystone, medium dark grey to dark grey, firm, irregular/blocky cuttings, sub fissile in part, trace pyrite, trace to common glauconite throughout as fine black and dull green grains, non calcareous, trace pyrite, with Claystone, medium olive grey, firm, trace brown carbonaceous material, gives very faint cut fluorescence, | Clyst 100 | | |
| 840-850m | Claystone, a/a glauconite as trace, 100% medium dark grey to dark grey, glauconite as trace | Clyst 100 | | |
| 850-860m | a/a, Trace medium olive grey Claystone a/a with inoceramus fragment inclusion, the material looks a bit like, fossil castes on occasion, trace inoceramus fragments, shells and the elongate prisms | Clyst 100 | | |
| 860-870m | Claystone, medium dark grey to dark grey a/a | Clyst 100 | | |
| 870-880m | Claystone a/a trace fossil shell fragments, occurs to 950m | Clyst 100 | | |
| 880-890m | Claystone, a/a grading in part to very fine sandy Siltstone, glauconitic, turquoise green grains | Clyst 90 Siltst 10 | | |
| 890-900m | Claystone, a/a rare turquoise green glauconite grains | Clyst 100 | | |
| 900-910m | a/a | a/a | | |
| 910-920m | a/a glauconite becoming rare | a/a | | |
| 920-930m | a/a | a/a | | |
| 930-940m | Claystone a/a with trace Siltstone, argillaceous, white clay matrix | a/a | | |
| 940-950m | Claystone, a/a very rare accessory minerals | Clyst 100 | | |
| 950-960m | Claystone, dark grey and medium olive grey, firm to moderately hard, silty in part Sandstone, light grey, fine to very coarse, predominantly loose, sub angular to well rounded, white clay matrix commonly adheres on individual coarser grains, quartz overgrowth common with trace Sandstone aggregates, very fine to fine, moderately hard to hard, white clay matrix in part, silica cemented, very good visual porosity | Clyst 70 Ss 30 | | nil |
| 962m grab | Sandstone, predominantly light grey, loose, fine to coarse, poorly sorted, sub angular to well rounded, trace white clay matrix on some grains, in part white grey, very fine grained grading to Siltstone, moderately hard to hard, tight Claystone a/a | Ss 70 Clyst 30 | | nil |
| 965m grab | Sandstone, light grey, loose, fine to very coarse, sub angular to well rounded, clear, milky white and trace yellow grains, trace orange mineral fluorescence of calcite grains | Ss 100 | | nil |



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| 970-975m | Sandstone and Claystone as above | Ss 70 Clyst 30 | | nil |
| 8 ½" hole | | | | |
| 975 -978m | Sandstone, 10% medium to very coarse loose sand grains, 10% medium grey, soft' very fine to fine grained very argillaceous Claystone, very soft, dispersive, light grey –white grey to firm, medium grey, | Ss 30% Clyst 70% | | nil |
| 981m | Claystone light to medium to dark grey, firm, soft soluble in part, non to slightly calcareous, two fragments limestone giving dull yellow mineral fluorescence, Toolebuc cavings, one fragment Inoceramus shell fragment Sandstone, light grey to white grey, soft, very fine to fine grained, argillaceous, mainly white clay | Clyst 60% Ss 40% | | nil |
| 984m | Claystone, generally as above, medium to dark grey, firm predominates, sandstone as above | Clyst 80% Ss 20% | | nil |
| 987 | Sandstone, light grey, loose, medium to very coarse, predominantly medium, moderately well sorted, sub-angular to angular, occasional rounded grains, slight trace white clay matrix adheres to individual sand grains, trace white clay in sample as soft blebs, trace coarse flakes of muscovite mica with trace fine grained aggregates with a white clay matrix, friable soft | Ss 95% Clyst 5% | | nil |
| 990 | Sandstone as above, medium to very coarse, predominantly coarse | Ss 90% Clyst 5% | | nil |
| 993 | Sandstone as above, Claystone, light olive grey, soft, medium grey, firm, non calcareous, angular cuttings, occasionally subfissile, rare glauconite | Ss 85% Clyst 15% | | nil |
| 996 | Sandstone, as above predominantly sub angular to angular, rarely rounded, trace pyrite notable in this sample | Ss 80% Clyst 20% | | |
| 999m | Sandstone 70%, light grey, loose, medium to coarse, sub angular to angular, rarely rounded, trace coarse muscovite mica flakes, with Sandstone 30% fine with white to light olive grey matrix , soft friable, trace white clay 3% sample showing dead oil staining on the loose, sand grains | Clyst 20% Ss 80% | | |
| 1005m | Sandstone, light grey, loose, medium to very coarse, moderate sorting, angular to well rounded, common to abundant dead oil staining with 20% of sand grains show oil staining, commonly distinct dark brown spots particularly in grain crevices, with general pale brown staining of the grains as a whole, no fluorescence was present, no streaming cut fluorescence was detected, however a pale white, fluorescence was obtained from bulk samples of sand, however this slowly developing and not consistent with live oil. | Ss 100% | | |
| 1011m | Sandstone as above, except the sample has an overall colour of light brown grey, dead oil staining is pervasive with 50 - 60% of the sand grains demonstrating pale brown staining, however with dark brown spots being less common, no fluorescence was present, cut fluorescence is evident from small bulk samples of sand, with a pale to moderately bright white cut evident, this slowly developing and not consistent with live oil. | Ss 100% | | |
| 1017m | Sandstone as above, with 50-60% oil stain similar to sample above. | Ss 100% | | |
| 1023m | Sandstone, generally as above, predominantly medium to very coarse, moderately well sorted, generally sub-angular to angular rarely rounded, trace coarse muscovite flakes, less than 5% of the sample demonstrates oil staining of sand grains. | Ss 100% | | |
| 1029m | Sandstone as above, white clay blebs rare in sample, oil stained grains 1-2% | Ss 100% | | |
| 1032m | Sandstone, as above, Claystone 5%, medium grey as above | Clyst 5% Ss 95% | | |
| 1035m | Sandstone, light grey, white grey, loose, fine to very coarse, predominantly medium, moderately sorted, sub-angular to angular, trace coarse muscovite mica flakes, trace to common white kaolin clay blebs, with Sandstone 15% very fine to fine, friable , with white clay matrix, | Ss 85% Clyst 15% | | |
| 1041m | Sandstone as above | Ss 100% | | |
| 1047m | Sandstone as above | Ss 100% | | |
| 1053m | Sandstone 90%, light grey, loose, fine to very coarse, predominantly coarse, poorly sorted, with Sandstone 10%, fine grained aggregates, friable, with argillaceous, light grey and lesser white kaolin clay present, trace to 5% white kaolin blebs present in sample, coarse muscovite flakes absent | Ss 100% | | |
| 1059m | Sandstone as above, fine to coarse grained, predominantly medium, 10% aggregates as above | Ss 100% | | |



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| 1065m | Sandstone, as above | Ss 100% | | |
| 1071m | Sandstone, light grey clean clear quartz grains, loose, fine to coarse, rarely very coarse, predominantly medium, poorly sorted, sub angular to angular, rounded grains rare, poor trace of white clay | Ss 100% | | |
| 1077m | as above | Ss 100% | | |
| 1083m | as above | Ss 100% | | |
| 1089m | as above | Ss 100% | | |
| 1095m | as above | Ss 100% | | |
| 1101m | as above | Ss 100% | | |
| 1107m | Sandstone, loose as above 60% with Sandstone 40%, white grey, light olive grey, soft, friable, with abundant white clay matrix, trace coarse muscovite mica flakes | Ss 100% | | |
| 1113m | Sandstone, light grey loose, fine to medium grained, predominantly medium grained, well sorted, sub-angular to angular, 5% white kaolin blebs | Ss 100% | | |
| 1119m | Sandstone, clean well sorted medium sand, trace kaolin | Ss 100% | | |
| 1125m | Sandstone, as above | Ss 100% | | |
| 1132m | Claystone, light olive grey, soft soluble, non calcareous, carbonaceous with rare to trace very thin coaly laminae Sandstone, as above | Ss 80% Clyst 20% | | |
| 1137m | As above | Ss 80% Clyst 20% | | |
| 1143m | As above | Ss 70% Clyst 30% | | |
| 1149m | As above | Ss 70% Clyst 30% | | |
| 1155m | As above | Ss100% | | |
| 1161m | As above | Ss100% | | |
| 1173m | As above | Ss100% | | |
| 1179m | Sandstone, 60% loose medium grained, with Sandstone 30%, light olive grey to white grey, soft, friable, very fine to fine, predominantly very fine, slightly carbonaceous, trace thin flat coal fragments generally dull, rarely blocky angular brittle, subvitreous, trace pyrite, rare flakes muscovite mica | Ss 90% Clyst 10% | | |
| 1185m | Sandstone 100%,very light grey, loose, fine to medium grained, occasionally coarse, well sorted, sub angular to angular, rarely rounded, poor trace coal fragments, very rare specks of amber give bright blue white mineral fluorescence | Ss 100% | | |
| 1191m | As above | Ss 100% | | |
| 1197m | As above | Ss 100% | | |
| 1197-1227m | As above, more coarse in 1209m sample, fragments coal very rare to absent with depth | Ss 100% | | |
| 1227 -1275m | Sandstone, light grey, loose, very fine to coarse, predominantly medium well sorted, sub-angular to angular, poor trace white clay, trace pale red, clear to ruby red grains, garnet? | Ss 100% | | |
| 1275-1281m | Sandstone, white grey, loose, fine to very coarse, poorly sorted, sub angular to angular Claystone, light olive grey, very soft soluble, slightly carbonaceous, trace coaly fragments, trace brown , claystone | Ss 70% Clyst 30% | | |
| 1287m | Sandstone, loose, medium to coarse, as above with very fine to fine grained aggregates common, clayey matrix, 20% of the sample contains, blebs of orange and red brown clay. | Ss 80 Clyst 20% | | |
| 1290m | Claystone, yellow orange, light grey in part, soft sticky | Clayst 60% Ss40% | | |
| 1293m | Claystone, light grey, yellow orange and red mottling, soft sticky, common very fine sand, grading to very fine Sandstone, trace muscovite mica flakes. | Clyst 80% Ss 20% | | |
| 1296m | Claystone, yellow orange, minor light grey, lesser distinctive red brown, soft soluble, firm in part, trace micaceous, non calcareous | Clyst 100% | | |
| 1299m | a/a | " | | |
| 1302m | a/a | " | | |



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|-------|---|------------------------|--|-----|
| 1305m | Claystone, predominantly light grey, minor red and yellow colouration | Clyst 100% | | |
| 1308m | Claystone, yellow orange to red brown, soft sticky, firm in part, non calcareous, slightly micaceous | Clyst 100% | | |
| 1311m | As above | Clyst 100% | | |
| 1314m | As above | Clyst 100% | | |
| 1317m | As above | Clyst 100% | | |
| 1320m | As above | Clyst 100% | | |
| 1323m | As above | Clyst 100% | | |
| 1326m | As above | Clyst 100% | | |
| 1329m | As above | Clyst 100% | | |
| 1332m | As above | Clyst 100% | | |
| 1335m | Claystone, red brown, trace deep yellow, soft, | Clyst 100% | | |
| 1338m | As above | Clyst 100% | | |
| 1341m | As above | Clyst 100% | | |
| 1347m | As above | Clyst 100% | | |
| 1350m | Claystone, predominantly very light grey, yellow orange, red brown, soft, sticky, mottled | Clyst 100% | | |
| 1353m | Claystone a above with white clay, with trace very fine sand | Clyst 100% | | |
| 1356m | Sandstone, drilling break, 1353 – 1356m, returns circulated, pale red grey, loose, medium to coarse grained, moderately well sorted, grain colours clear, yellow and orange stained, rare gypsum, trace kaolin, trace mica | Ss 100% | | nil |
| 1359m | Claystone, yellow orange, red brown lesser light grey, mottled, soft, sticky, Sandstone as above | Clyst 80% Ss 20% | | |
| 1362m | Claystone, red brown, soft, sticky, non calcareous | Clyst 100% | | |
| 1365m | As above | | | |
| 1368m | Claystone, light grey, yellow orange, red brown, soft, sticky. Sandstone, loose, very fine to fine grained | Clyst 70% Ss 30% | | |
| 1371m | Sandstone, very pale red grey, fine to medium, well sorted, minor coarse, grains clear clean to yellow stained, red hue due to presence of fragments of red brown claystone in sample, sub angular to angular, trace pyrite, purple clay fragments, micaceous, very rare trace dolomite, with moderately bright yellow mineral fluorescence, Claystone as above | Clyst 90% Ss 10% | | nil |
| 1377m | Sandstone, very pale red grey, loose, medium to very coarse, poorly sorted, angular to sub angular, trace pyrite, trace white clay matrix, micaceous | Ss 90% Clyst 10% | | nil |
| 1380m | Sandstone light grey, loose, fine to medium, well sorted, sub angular to angular, micaceous, rare pyrite, trace medium grey Claystone. | Ss 100% | | nil |



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|-------------|---|-----------------------------------|--|-------------------|
| 1383m | Sandstone, light grey, loose medium to coarse, moderately well sorted, sub angular to angular, trace white clay matrix, micaceous, trace pyrite, with Sandstone, medium grey, very fine grained with argillaceous matrix Claystone, light olive grey, soft soluble, medium to dark grey, firm Coal, black, moderately hard, brittle, sub vitreous to vitreous | Ss 70% Clyst 30% Coal trace | | nil |
| 1386m | Sandstone, medium to coarse, loose, as above, | Ss 100% | | nil |
| 1389m | Sandstone, light yellow grey, loose, medium to very coarse, predominantly coarse, moderately well sorted, angular, micaceous, trace kaolin | Ss 100% | | nil |
| 1392m | Sandstone as above | Ss 100% | | nil |
| 1395m | Sandstone as above, with increased kaolin Claystone, light to dark grey, carbonaceous, with micro particles coal, trace flat laminae of coal, moderately hard, argillaceous in part | Ss 85% Clyst 15% | | nil |
| 1398m | Sandstone, Claystone medium grey to dark grey, soft to moderately hard, interlaminated with coal in part | Ss 70% Clyst 20% Coal 10% | | nil |
| 1401m | Coal, black, moderately hard, dull to subvitreous in part Claystone and Sandstone as above | Ss 60% Coal 20% Clyst 20% | | |
| 1404m | As above | Ss 65% Clyst 30% Coal 5% | | |
| 1407m | Moderate amount of cavings before bottoms up following trip at 1405m, and persisting there after for 20-30minutes. Cavings were ½ to 1cm size, light grey, lesser red brown and ochre yellow, hard, claystone and lesser siltstone, reamed two singles to bottom. Sandstone, very coarse loose, sub angular occasionally rounded, trace white pearly gypsum, kaolin clay as trace on grains, rare yellow ochre, red stained grains, Claystone, multicoloured, red brown yellow ochre, light grey Fluorescence, 3 grains in sample fluorescing dull to moderately bright yellow white fluorescence, no cut fluorescence, grains remaining fluorescing in solvent | Ss 90% Clyst 10% | | V rare, no cut |
| 1410 | a/a Ss coarse-v coarse, very rare fluorescing grains as above | a/a | | a/a |
| 1413 | a/a | Ss 90 Clyst 20 | | nil |
| 1416 | a/a | Ss 90 Clyst 20 | | nil |
| 1419 | Slight trace Coal fragments, Ss/Clyst a/a, one fluorescing cutting a/a | Ss 90 Clyst 20 | | V rare, no cut |
| 1422 | Claystone, multicoloured, light grey, yellow ochre, lesser red brown, dark purple red, moderately hard, angular cuttings , brittle, non calcareous | Clyst 90 Ss 10 | | nil |
| 1425 | As above, light olive grey to yellow ochre predominates | Clyst 90 Ss 10 | | nil |
| 1428 | Sandstone, light yellow grey, fine to coarse, predominantly medium, moderately well sorted, subangular to angular, 5% grains stained light yellow, trace to common white kaolin matrix, rare mica, muscovite | Ss 95 Clyst 5 | | nil |
| 1431 | Sandstone a/a minor Claystone a/a, light yellow stained quartz grains up to 40% sample | 90/10 | | nil |
| 1434 | a/a | 80/20 | | nil |
| 1437 | a/a | 95/5 | | nil |
| 1440 | a/a | 95/5 | | nil |
| 1443 | a/a | 95/5 | | nil |
| 1446 | a/a | 95/5 | | nil |
| 1449 | a/a | 80/20 | | nil |
| 1452 | a/a | 90/10 | | nil |
| 1455 | a/a | 95/5 | | nil |
| 1455 - 1470 | a/a | 95/5 | | nil |
| 1473 | a/a increasing mica, trace | 70/30 | | |
| 1473 =1479 | a/a | 80/20 | | |
| 1482 | a/a | 90/10 | | |
| 1485 | a/a | 100 | | |
| 1488 | a/a | 100 | | |
| 1491 | a/a | 70/30 | | |
| 1494 | a/a | 80/20 | | |



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|-------|---|----------------------------|--|--|
| 1497 | 5% white kaolin in sample | 70/30 | | |
| 1500 | Sandstone, fine to very coarse, predominantly coarse | 80/20 | | |
| 1503 | Claystone a/a 20 white Kaolin | 60/40 | | |
| 1506 | a/a, 1505m Soft dispersive clay over the shaker | 70/30 | | |
| 1509 | Claystone, 10% multicolour, 10% kaolin | 80/20 | | |
| 1512m | Poor sample | 80/20 | | |
| 1515m | Very light grey clays and kaolin 20%, multicoloured clays 10% | 70/30 | | |
| 1518m | Poor sample, Sandstone, fine to medium, multicoloured Claystone 30%, white trace to 5% | 70/30 | | |
| 1521m | Sandstone, very light yellow grey, fine to coarse, predominantly medium, angular to subangular | 100 | | |
| 1524m | a/a | 100 | | |
| 1527m | a/a | 100 | | |
| 1530m | Sandstone, a/a presence of yellow stained quartz grains diminishes, poor trace of coal in sample | 90/10 | | |
| 1533 | Coal as below %5 sandstone, predominantly, very coarse, Claystone, light grey soft to medium grey, firm, trace coaly inclusions | Ss 75 Cl 5 Clyst 20 | | |
| 1536 | Coal, see below, Claystone light grey soft | Ss 20 Cl 70 Clyst 10 | | |
| 1539 | Coal, black, moderately hard, brittle, grainy powdery texture, sparkly, common vitreous lustre on partings | Coal 100 | | |
| 1542 | Sandstone, very light grey, loose, fine, well sorted, angular | Ss 20 Cl 80 | | |
| 1545 | Claystone, light grey, soft, soluble, sandy in part, very fine to silt sized quartz, very soluble poorly represented in sample, multicoloured cutting persist in sample | Clyst 40 Ss 55 Cl 5 | | |
| 1548 | As above | Clyst 40 Ss 55 Cl 5 | | |
| 1551 | Sandstone light grey, fine to medium grained, well sorted, subangular to angular Claystone, light grey soft soluble as above | Ss 75 Cl 5 Clyst 20 | | |
| 1554 | a/a | Cl 30 Ss 40 Clyst 30 | | |
| 1557 | a/a | Ss 70 Clyst 30 | | |
| 1560 | a/a | Ss 70 Clyst 30 | | |
| 1563 | Sandstone, fine to coarse | Ss 70 Clyst 30 | | |
| 1566 | a/a common kaolin matrix | Ss 80 Cl tr Clyst 20 | | |
| 1569 | Coal as per coal above 1538m, Sandstone, loose, light grey, fine to medium grained, micaceous | Cl 80 Ss 20 | | |
| 1572 | Sandstone a/a | Cl 65 Ss 35 | | |
| 1575 | Sandstone generally med to coarse | Clyst 20 Cl 50 Ss 30 | | |
| 1578 | Coal a/a | Cl 70 Ss 30 | | |
| 1581 | Poor sample | Cl 30 Ss 70 | | |
| 1584 | Med – coarse, common kaolin | Ss 90 Cl 10 | | |
| 1587 | Ss f-m | Ss 70 Cl 30 | | |



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

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|-------------|---|----------------------------|--|--|
| 1590m | Poor sample, cavings, Sloppy clay on shaker has been common but variable | Clyst 30Ss 70 | | |
| 1593m | a/a | a/a | | |
| 1596m | a/a | Ss 90 Clyst 10 | | |
| 1599m | a/a | Ss 90 Clyst 10 | | |
| 1602 | Bad sample | Cl 20 Ss 70 Clyst 10 | | |
| 1605m | Sandstone, very fine to fine, with kaolin matrix, light grey clay matrix | Cl 40 Ss 60 | | |
| 1608m | Bad sample | | | |
| 1611m | Bad sample | | | |
| 1614m | Sandstone, light grey, loose, medium to coarse with very fine to fine aggregates with abundant kaolin matrix | Ss 100% | | |
| 1617 | Coal 100% | Cl 100% | | |
| 1620 | Sandstone a/a | Ss 100% | | |
| 1623m | Sandstone coarse to very coarse loose quartz, angular to subangular | Ss 100% | | |
| 1626m | a/a | Ss 100% | | |
| 1629m | Bad sample | | | |
| 1632 | Bad Sample | | | |
| 1635 | Bad Sample | | | |
| 1638 | Bad Sample | | | |
| 1638 - 1656 | Coal, a/a | Cl 100% | | |
| 1659 | Sandstone, light olive grey, loose, fine to medium, predominantly medium with abundant white and light olive grey clay matrix, unwashed sample for the most part is very soft clay multi coloured clay cavings remain common | Ss 80 Clyst 20 | | |
| 1662 | a/a | Ss 80 Clyst 20 | | |
| 1665 | a/a | Ss 80 Clyst 20 | | |
| 1668 | a/a | Ss 80 Clyst 20 | | |
| 1668 -1686m | Coals a/a | Cl 100% | | |
| 1689 | Claystone, light grey to light olive grey, soft, carbonaceous in part | Clyst 100% | | |
| 1692m | Sandstone very fine to medium as above, Claystone light grey and white kaolin, soft | Ss 80% Clyst 20% | | |
| 1695m | Sandstone, loose grains, some generally fine grained aggregates, friable to moderately hard, light grey, very fine to medium, moderate sorting, subangular to angular, aggregates have kaolin matrix, poor porosity for the very fine grained aggregates, good porosity fine grained aggregates | Ss 90% Clyst 10% | | |
| 1698m | a/a | Ss 100 | | |
| 1701 | a/a | Ss 100 | | |
| 1704 | a/a | Ss 100 | | |
| 1707 | a/a medium coarse grained predominantly loose, higher drill rate | Ss 100 | | |
| 1710 | a/a | Ss 100 | | |
| 1713 | Loose fine sd | Cl 60 Ss 30 | | |
| 1716 | Medium to coarse loose sand | Ss 70 Cl 30 | | |
| 1719 | a/a | Ss 50 Cl 50 | | |
| 1722,25,28 | Coal, black, moderately hard, grainy to powdery texture, vitreous lustre on partings | Cl 100 | | |
| 1731 | Ss f-m, loose, well sorted | | | |
| 1734 | Ss pred. m-c, lse | | | |
| 1737 | Coal a/a | Cl 70 ss 30 | | |
| 1740 | Very poor, more light grey clay, small percentage, unwashed sample clayey | Ss 40 Cl | | |



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

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| | | 20 Clyst 40 | | |
| 1743 | a/a light olive clay, Ss a/a | Ss 50 Cl 5 Clyst 40 | | |
| 1746 | a/a | Ss 50 Cl 5 Clyst 40 | | |
| 1749 | Bad sample based on multicolour cavings | Ss 70 Cl 10 Clyst 10 | | |
| 1752 | Rr spks fluor amber | Cl 50 Ss 40 | | |
| 1755 | Abundant multi coloured cavings. Ss vf -f, aggregates common, similar to 1695 description, one bright yel-wh fluorescing coarse qtz grain | Ss 90 Clyst 10 | | |
| 1758 | Aggs a/a pred lse f-med grains | Ss 90 Clyst 10 | | |
| 1761 | V clayey unwashed sample, Clay colour light olive grey, washed sample, Loose sand and multicoloured claystone and siltstone cavings. Cavings consist of: CLAYSTONE : 1) very light grey to light greenish grey, occasional lithic grains, very firm, blocky. 2) yellow-brown, very firm, massive, blocky. 3) red-brown to greyish red and reddish grey, very finely arenaceous in part, mottled in part with light greenish grey facies, slightly micromicaceous in part, blocky to sub-blocky. | Clyst 50 Ss 50 | | |
| 1764 | SANDSTONE : (80%) : light grey to light brown-grey, fine to very coarse, predominantly medium to coarse, poorly sorted, subangular to subround, minor siliceous cement, minor quartz overgrowths, generally as loose grains, good inferred porosity, no shows. CLAYSTONE : (20%) : light grey to light olive grey, dispersive in part, soft to very firm, blocky. | Sst : 80 Clyst : 20 | | |
| 1767 | Sandstone & Claystone : a/a with SILTSTONE : (20%) dark to very dark grey, argillaceous, very finely arenaceous in part, occasional to common carbonaceous specks, occasional to common carbonaceous microlaminae, micromicaceous, occasional mica flakes, very firm to moderately hard, blocky to sub-blocky. | Sst : 30 Clyst : 10 Sltst : 20 Cvg : 40 | | |
| 1770 | a/a | Sst : 40 Clyst : 10 Sltst : 20 Cvg : 30 | | |
| 1773 | a/a | a/a | | |
| 1776 | SILTSTONE : (10%) a/a with 90% cavings. | Sltst : 10 Cvg : 90 | Sltst : 100 | |
| 1779 | SANDSTONE : (30%) : light grey to light brown-grey, fine to very coarse, predominantly fine to medium, poorly sorted, subangular to subround, minor siliceous cement, minor quartz overgrowths, abundant white argillaceous matrix in aggregate, generally as loose grains, firm in aggregate, good inferred porosity to very poor visual porosity, no shows. SILTSTONE : (10%) dark to very dark grey, argillaceous, very finely arenaceous in part, occasional to common carbonaceous specks, occasional to common carbonaceous microlaminae and laminae, micromicaceous, occasional mica flakes, very firm to moderately hard, blocky to sub-blocky. Cavings : 60% | Sst : 30 Sltst : 10 Cvg : 60 | Sst : 75 Slt : 25 | |
| 1782 | SANDSTONE : (30%) : a/a SILTSTONE : (20%) : a/a | Sst : 30 Sltst : 20 Cvg : 50 | Sst : 60 Slt : 40 | |
| 1785 | SANDSTONE : (40%) : a/a SILTSTONE : (20%) : a/a | Sst : 40 Sltst : 20 Cvg : 40 | Sst : 65 Slt : 35 | |
| 1788 | SANDSTONE : (80%) : a/a SILTSTONE : (10%) : a/a | Sst : 80 Sltst : 10 Cvg : 10 | Sst : 85 Slt : 15 | |
| 1791 | COAL : (90%) : very dark grey, sub-metallic, hackly to sub-conchoidal fracture, slightly argillaceous in part, soft to firm, sub-blocky to subfissile. | Coal : 90 Cvg : 10 | Cl : 100 | |
| 1794 | COAL : (90%) : as above. | Coal : 90 Cvg : 10 | Cl : 100 | |
| 1797 | SANDSTONE : (80%) : a/a SILTSTONE : (10%) : a/a | Sst : 80 Sltst : 10 Cvg : 10 | Sst : 85 Slt : 15 | |
| 1800 | COAL : (100%) : as above. | Cl : 100 | Cl : 100 | |



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

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|------|--|---|---------------------------------|----|
| 1803 | COAL : (90%) : as above. | Coal : 90 Cvg : 10 | Cl : 100 | |
| 1806 | COAL : (90%) : as above. | Coal : 90 Cvg : 10 | Cl : 100 | |
| 1809 | SANDSTONE : (30%) : light grey to light brown-grey, fine to very coarse, predominantly fine to medium, poorly sorted, subangular to round, minor siliceous cement, minor quartz overgrowths, abundant white argillaceous matrix in aggregate, generally as loose grains, firm in aggregate, good inferred porosity to very poor visual porosity, no shows. SILTSTONE : (10%) dark to very dark grey, argillaceous, very finely arenaceous in part, occasional to common carbonaceous specks, occasional to common carbonaceous microlaminae and laminae, micromicaceous, occasional mica flakes, very firm to moderately hard, blocky to sub-blocky. Cavings : 60% | Sst : 30 Sltst : 10 Cvg : 60 | Sst : 75 Slt : 25 | |
| 1812 | SANDSTONE : (70%) : off-white to light grey and very light brown-grey, fine to medium, moderately sorted, subangular to subround, minor siliceous cement, minor quartz overgrowths, abundant white argillaceous matrix in aggregate, generally as loose grains, firm in aggregate, good inferred porosity in part to very poor visual porosity, minor fluorescence show. Fluorescence : sandstone shows 5% extremely dim orange-brown pin-point fluorescence and very rare patchy very dull yellow-white fluorescence with a very slow blooming blue-white cut fluorescence and a thin film residue. Coals in sample also gave a very slow blooming blue-white cut fluorescence and a thin film residue. Cut in sand may be due to cut from finely divided coal particles throughout sample. SILTSTONE : (10%) dark to very dark grey, argillaceous, very finely arenaceous in part, occasional to common carbonaceous specks, occasional to common carbonaceous microlaminae and laminae, micromicaceous, occasional mica flakes, very firm to moderately hard, blocky to sub-blocky. COAL : (10%) : very dark grey, sub-metallic, hackly to sub-conchoidal fracture, slightly argillaceous in part, soft to firm, sub-blocky to subfissile. Cavings : 10% | Sst : 70 Slt : 10 Cl : 10 Cvg : 10 | Sst : 75 Slt : 15 Cl : 10 | 50 |
| 1815 | SANDSTONE : (30%) light brown grey to dark grey, moderately hard, very fine grained, argillaceous, poor visual porosity SILTSTONE : (50%) dark grey, firm to moderately hard, argillaceous, slightly carbonaceous, rare micaceous CLAYSTONE : (20%) Medium to dark grey, soft to firm, slightly carbonaceous Cavings less than 5% | | Sst 30 Sltst 50 Clyst 20 | |
| 1818 | SANDSTONE : (5%) a/a SILTSTONE : (75%) dark grey, firm to moderately hard, argillaceous, slightly carbonaceous, rare micaceous, poor CLAYSTONE : 20% medium olive grey, soft soluble to firm, slightly carbonaceous Cavings less than 5% | | Sst 5 Sltst 75 Clyst 20 | |
| 1821 | SANDSTONE : 20% olive grey to dark grey, moderately hard to friable in part, very fine grained, argillaceous, increase in kaolin, slightly carbonaceous, silty SILTSTONE : 60% medium grey to dark grey, with abundant kaolin to dark grey, soft to firm, slightly carbonaceous, arenaceous, slightly micaceous CLAYSTONE : 20% medium olive grey, soft soluble to firm, slightly carbonaceous Cavings less than 5% | | Sst 5 Sltst 75 Clyst 20 | |
| 1824 | SANDSTONE : 20% olive grey to dark grey, moderately hard to friable in part, very fine grained, argillaceous, increase in kaolin, slightly carbonaceous, silty, poor porosity SILTSTONE : 60% medium grey to dark grey, with abundant kaolin to dark grey, soft to firm, slightly carbonaceous, arenaceous, slightly micaceous CLAYSTONE : 20% medium olive grey, soft soluble to firm, slightly carbonaceous Cavings less than 5% | | Sst 5 Sltst 75 Clyst 20 | |
| 1827 | SANDSTONE : 20% olive grey to dark grey, moderately hard to friable in part, very fine grained, argillaceous, increase in kaolin, slightly carbonaceous, silty, poor porosity SILTSTONE : 60% medium grey to dark grey, with abundant kaolin to dark grey, soft to firm, slightly carbonaceous, arenaceous, slightly micaceous CLAYSTONE : 20% medium olive grey, soft soluble to firm, slightly carbonaceous, Cavings less than 5% | | Sst 5 Sltst 75 Clyst 20 | |
| 1830 | SANDSTONE : Trace SILTSTONE : 80% medium grey to dark grey, with abundant kaolin to dark grey, | | Sst TR Sltst 80 | |



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

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| | soft to firm, slightly carbonaceous, arenaceous, slightly micaceous CLAYSTONE : 20% medium olive grey to dark grey, soft soluble to firm, slightly carbonaceous Cavings less than 5% | | Clyst 20 | |
| 1833 | SANDSTONE : Trace SILTSTONE : 80% medium grey to dark grey, with abundant kaolin to dark grey, soft to firm, slightly carbonaceous, arenaceous, slightly micaceous CLAYSTONE : 20% medium olive grey to dark grey, soft soluble to firm, slightly carbonaceous Cavings less than 5% | | Sst TR Sltst 80 Clyst 20 | |
| 1836 | COAL : 100% : black, moderately hard to hard, brittle, powdery texture, angular cuttings, hackly with occasional conchoidal fracture, earthy to subvitreous lustre, blocky to sub-blocky. | | Cl 100 | |
| 1839 | COAL : a/a | | Cl 100 | |
| 1842 | SANDSTONE : Trace SILTSTONE : 30% medium grey to dark grey, with abundant kaolin to dark grey, soft to firm, slightly carbonaceous, arenaceous, slightly micaceous CLAYSTONE : 60% light to medium olive grey, soft soluble to firm, slightly carbonaceous, Unwashed sample is very soft sticky soluble. COAL : a/a 10% Cavings multicoloured, 50% of gross sample | | Sst TR Sltst 30 Clyst 60 Coal 10 | |
| 1845 | CLAYSTONE : 100%, light olive grey, soft, soluble, sticky, slightly carbonaceous, very sloppy unwashed sample Cavings multicoloured, 70% of gross sample | | Clyst 100 | |
| 1848 | CLAYSTONE : 70% as above SANDSTONE : 30% light olive grey, moderately hard, sucrosic texture, slightly carbonaceous, micaceous, visual porosity indeterminate due to grain size. Cavings multicoloured, 30% of gross sample | | Clyst 70 Sst 30 | |
| 1851 | SANDSTONE : 60% : light olive grey, medium grey in part loose, very fine to fine, subangular with very fine, friable to moderately hard, sucrosic texture, slightly carbonaceous, micaceous CLAYSTONE : 40% : light olive grey, soft, sticky, silty Cavings 30% of gross sample | | Sst 60 Cly 40 | |
| 1854 | SILTSTONE : 45% : light olive grey to medium grey, soft to firm, micaceous, slightly carbonaceous, arenaceous in part, trace siderite SANDSTONE : 15% : very fine grained, grading from siltstone, with some loose fine to medium quartz grains, subangular CLAYSTONE : 25% , light olive grey, soft, soluble, dispersive Cavings 15% of gross sample | | Slt 50 Sst 20 Cly 30 | |
| 1857 | SANDSTONE : 80% : light grey, loose, fine to medium grained, subangular to angular, trace mica, good inferred porosity, but likely occluded by kaolin matrix. Rare pin point fluorescence, dull orange, cut fluorescence is pale white, slow streaming SILTSTONE : 20% : as above Cavings COAL : 5% | | Sst Slt Cly | |
| 1860 | SANDSTONE : 80% : light grey, loose, fine to medium grained, subangular to angular, trace mica, good inferred porosity, but likely occluded by kaolin matrix. No visual fluorescence, cut fluorescence very slow streaming, also occurs in 1861m grab sample but diminishes by 1863m sample Cavings 20% | | Sst Slt Cly | |
| 1863 | SANDSTONE : 80% : light olive grey, loose very fine to medium grained, angular, common soft white kaolin clay is associated with the sand, inferred porosity from drill rate and loose sand in sample is good, no visual fluorescence, only very pale cut fluorescence CLAYSTONE : 10%, light olive grey, soft, soluble, dispersive Cavings 10% | | Sst Slt Cly | |
| 1866 | SANDSTONE : 50% : off-white to very light grey and light olive grey, very fine to medium grained, angular, common soft white kaolin clay matrix, occasional to common carbonaceous specks, common mica flakes, generally loose, firm in aggregate, good inferred porosity, poor to very poor visual porosity, no visual fluorescence, very pale cut fluorescence. Cavings : 50% | Sst Slt Cly | Sst Slt Cly | |
| 1869 | SANDSTONE : 70% : off-white to very light grey and light olive grey, very fine to medium grained, angular, common soft white kaolin clay matrix, occasional to common carbonaceous specks, common mica flakes, generally loose, firm in aggregate, good inferred porosity, poor to very poor visual porosity, no visual fluorescence, very pale cut fluorescence. Cavings : 30% | Sst 70 Cvg 30 | Sst 100 | |



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

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|------|---|--------------------------------------|----------------------------|--|
| 1872 | SANDSTONE : 80% : off-white to very light grey and light olive grey, very fine to medium grained, angular to subangular, common soft white kaolin clay matrix, occasional to common carbonaceous specks, common mica flakes, generally loose, firm in aggregate, good inferred porosity, poor to very poor visual porosity, no visual fluorescence, very pale cut fluorescence. Cavings : 20% | Sst 80 Cvg 20 | Sst 100 | |
| 1875 | SANDSTONE : 70% : off-white to very light grey and light olive grey, very fine to medium grained, angular to subangular, common soft white kaolin clay matrix, occasional to common carbonaceous specks, common mica flakes, generally loose, firm in aggregate, good inferred porosity, poor to very poor visual porosity, no visual fluorescence, very pale cut fluorescence. COAL : 10% : very dk grey to greyish black and brownish black, earthy to subvitreous, blocky to subfissile, hackly to subconchoidal fracture. Cavings : 20% | Sst 70 Coal 10 Cvg 20 | Sst 85 Coal 15 | |
| 1878 | SANDSTONE : 55% : off-white to very light grey and light olive grey, very fine to medium grained, angular to subangular, common soft white kaolin clay matrix, occasional to common carbonaceous specks, common mica flakes, generally loose, firm in aggregate, good inferred porosity, poor to very poor visual porosity, no visual fluorescence, very pale cut fluorescence. COAL : 25% : very dk grey to greyish black and brownish black, earthy to subvitreous, blocky to subfissile, hackly to subconchoidal fracture. Cavings : 20% | Sst 55 Coal 25 Cvg 20 | Sst 65 Coal 35 | |
| 1881 | SANDSTONE : 70% : off-white to very light grey and light olive grey, very fine to medium grained, angular to subangular, common soft white kaolin clay matrix, occasional to common carbonaceous specks, common mica flakes, generally loose, firm in aggregate, good inferred porosity, poor to very poor visual porosity, no visual fluorescence, very pale cut fluorescence. COAL : 20% : very dk grey to greyish black and brownish black, earthy to subvitreous, blocky to subfissile, hackly to subconchoidal fracture. Cavings : 10% | Sst 70 Coal 20 Cvg 10 | Sst 75 Coal 25 | |
| 1884 | SILTSTONE : 45% : light to mid grey, very finely arenaceous, micromicaceous, common carbonaceous specks and very fine detritus, friable to firm, blocky. SANDSTONE : 30% : off-white to very light grey and light olive grey, very fine to medium grained, angular to subangular, common soft white kaolin clay matrix, occasional to common carbonaceous specks, common mica flakes, generally loose, firm in aggregate, good inferred porosity, poor to very poor visual porosity, no visual fluorescence, trace very pale cut fluorescence. COAL : 5% : very dk grey to greyish black and brownish black, earthy to subvitreous, blocky to subfissile, hackly to subconchoidal fracture. Cavings : 20% | Sst 30 Slt 45 Coal 5 Cvg 20 | Sst 40 Slt 55 Coal 5 | |
| 1887 | SANDSTONE : 60% : off-white to very light grey and light olive grey, very fine to medium grained, angular to subangular, common soft white kaolin clay matrix, occasional to common carbonaceous specks, common mica flakes, generally loose, firm to moderately hard in aggregate, good inferred porosity, poor to very poor visual porosity, no visual fluorescence, trace very pale cut fluorescence. SILTSTONE : 20% : light to mid grey, very finely arenaceous, micromicaceous, common carbonaceous specks and very fine detritus, occasional to common carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky. Cavings : 20% | Sst 60 Slt 20 Cvg 20 | Sst 70 Slt 30 | |
| 1890 | SANDSTONE : 50% : off-white to very light grey and light olive grey, very fine to medium grained, angular to subangular, common soft white kaolin clay matrix, occasional to common carbonaceous specks, common mica flakes, generally loose, firm to moderately hard in aggregate, good inferred porosity, poor to very poor visual porosity, no visual fluorescence, trace very pale cut fluorescence. SILTSTONE : 30% : light to mid grey, very finely arenaceous, micromicaceous, common carbonaceous specks and very fine detritus, occasional to common carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky. Cavings : 20% | Sst 50 Slt 30 Cvg 20 | Sst 60 Slt 40 | |
| 1893 | SANDSTONE : 50% : off-white to very light grey and light olive grey, very fine to medium grained, angular to subangular, common soft white kaolin clay matrix, occasional to common carbonaceous specks, common mica flakes, generally loose, firm to moderately hard in aggregate, good inferred porosity, poor to very poor visual porosity, no visual fluorescence, trace very pale cut fluorescence. SILTSTONE : 30% : light to mid grey, very finely arenaceous, micromicaceous, common carbonaceous specks and very fine detritus, occasional to common carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky. Cavings : 20% | Sst 50 Slt 30 Cvg 20 | Sst 60 Slt 40 | |



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

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| 1896 | <p>SANDSTONE : 20% : off-white to very light grey and light olive grey, very fine to medium grained, angular to subangular, common soft white kaolin clay matrix, occasional to common carbonaceous specks, common mica flakes, generally loose, firm to moderately hard in aggregate, good inferred porosity, poor to very poor visual porosity, no visual fluorescence, trace very pale cut fluorescence.</p> <p>SILTSTONE : 60% : light to mid grey, very finely arenaceous, micromicaceous, common carbonaceous specks and very fine detritus, occasional to common carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky.</p> <p>CLAYSTONE : 10% mid to dark grey and dark brown-grey, rarely dark grey-brown, silty in part, occasional carbonaceous specks and detritus in part, very firm to moderately hard, blocky to sub-blocky.</p> <p>Cavings : 10%</p> | Sst 20 Slt 60 Cly 10 Cvg 10 | Sst 25 Slt 65 Cly 10 | |
| 1899 | <p>SANDSTONE : 10% : off-white to very light grey and light olive grey, very fine to medium grained, angular to subangular, common soft white kaolin clay matrix, occasional to common carbonaceous specks, common mica flakes, generally loose, firm to moderately hard in aggregate, good inferred porosity, poor to very poor visual porosity, no visual fluorescence, trace very pale cut fluorescence.</p> <p>SILTSTONE : 40% : light to mid grey, very finely arenaceous, micromicaceous, common carbonaceous specks and very fine detritus, occasional to common carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky.</p> <p>CLAYSTONE : 5% mid to dark grey and dark brown-grey, rarely dark grey-brown, silty in part, occasional carbonaceous specks and detritus in part, very firm to moderately hard, blocky to sub-blocky.</p> <p>COAL : 35% : very dark grey to greyish black and brownish black, earthy to subvitreous, blocky to subfissile, hackly to subconchoidal fracture.</p> <p>Cavings : 10%</p> | Sst 10 Slt 40 Cly 5 Coal 35 Cvg 10 | Sst 10 Slt 45 Cly 5 Coal 40 | |
| 1902 | <p>COAL : 40% : very dark grey to greyish black and brownish black, earthy to subvitreous, occasionally vitreous, blocky to fissile, hackly to subconchoidal fracture.</p> <p>Cavings : 60%</p> | Coal 40 Cvg 60 | Coal 100 | |
| 1905 | <p>COAL : 100% : very dark grey to greyish black and brownish black, earthy to subvitreous, occasionally vitreous, slightly to moderately argillaceous in part, blocky to subfissile, hackly to subconchoidal fracture.</p> <p>Cavings : 0%</p> | Coal 100 | Coal 100 | |
| 1908 | <p>SILTSTONE : 40% : light to mid grey, very finely arenaceous, micromicaceous, common carbonaceous specks and very fine detritus, occasional to common carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky.</p> <p>Cavings : 60%</p> | Slt 40 Cvg 60 | Slt 100 | |
| 1911 | <p>SILTSTONE : 70% : light to mid grey, very finely arenaceous, micromicaceous, common carbonaceous specks and very fine detritus, occasional to common carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky.</p> <p>Cavings : 30%</p> | Slt 70 Cvg 30 | Slt 100 | |
| 1914 | <p>SILTSTONE : 60% : light to mid grey, very finely arenaceous, micromicaceous, common carbonaceous specks and very fine detritus, occasional to common carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky.</p> <p>SANDSTONE : 10% : off-white to very light grey very light brown-grey, very fine to fine with occasional coarse to very coarse grains, well to poorly sorted, angular to subangular, moderate quartz overgrowths, siliceous cement, abundant white argillaceous matrix, occasional carbonaceous specks, friable to moderately hard, very poor visual porosity, no shows.</p> <p>Cavings : 30%</p> | Sst 10 Slt 60 Cvg 30 | Sst 15 Slt 85 | |
| 1917 | <p>SILTSTONE : 60% : light to mid grey, very finely arenaceous, micromicaceous, common carbonaceous specks and very fine detritus, occasional to common carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky.</p> <p>SANDSTONE : 5% : off-white to very light grey very light brown-grey, very fine to fine with occasional coarse to very coarse grains, well to poorly sorted, angular to subangular, moderate quartz overgrowths, siliceous cement, abundant white argillaceous matrix, occasional carbonaceous specks, friable to moderately hard,</p> | Sst 5 Slt 60 Cvg 35 | Sst 10 Slt 90 | |



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

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| | very poor visual porosity, no shows. Cavings : 35% | | | |
| 1920 | COAL : 80% : very dark grey to black, submetallic to subvitreous, rarely vitreous, hackly to subconchoidal fracture, very firm to moderately hard, blocky to subfissile. SILTSTONE : 10% : light to mid grey, very finely arenaceous, micromicaceous, common carbonaceous specks and very fine detritus, occasional to common carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky. SANDSTONE : Trace : off-white to very light grey very light brown-grey, very fine to fine with occasional coarse to very coarse grains, well to poorly sorted, angular to subangular, moderate quartz overgrowths, siliceous cement, abundant white argillaceous matrix, occasional carbonaceous specks, friable to moderately hard, very poor visual porosity, no shows. Cavings : 10% | Sst Tr Slt 10 Coal 80 Cvg 10 | Sst Tr Slt 10 Coal 90 | |
| 1923 | COAL : 20% : very dark grey to black, submetallic to subvitreous, rarely vitreous, hackly to subconchoidal fracture, very firm to moderately hard, blocky to subfissile. SILTSTONE : 60% : light to mid grey, very finely arenaceous, micromicaceous, common carbonaceous specks and very fine detritus, occasional to common carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky. Cavings : 20% | Slt 60 Coal 20 Cvg 20 | Slt 75 Coal 25 | |
| 1926 | COAL : 60% : very dark grey to black, submetallic to subvitreous, rarely vitreous, hackly to subconchoidal fracture, very firm to moderately hard, blocky to subfissile. SILTSTONE : 30% : light to mid, occasionally dark grey, occasionally dark brown-grey, very finely arenaceous in part, argillaceous in part, micromicaceous, common carbonaceous specks and very fine detritus, occasional carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky. Cavings : 10% | Slt 30 Coal 60 Cvg 10 | Slt 35 Coal 65 | |
| 1929 | SILTSTONE : 90% : light to mid, occasionally dark grey, occasionally dark brown-grey, very finely arenaceous in part, argillaceous in part, micromicaceous, common carbonaceous specks and very fine detritus, occasional carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky. Cavings : 10% | Slt 90 Cvg 10 | Slt 100 | |
| 1932 | SILTSTONE : (60%) : light to mid, occasionally dark grey, occasionally dark brown-grey, very finely arenaceous in part, argillaceous in part, micromicaceous, common carbonaceous specks and very fine detritus, occasional carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky. SANDSTONE : (30%) : off-white to very light grey and very light brown-grey, very fine to medium, moderately sorted, angular to subangular, moderate quartz overgrowths, siliceous cement, abundant white argillaceous matrix, occasional carbonaceous specks, occasional mica flakes, friable to moderately hard, very poor visual porosity, no shows. Cavings : 10% | Sst 30 Slt 60 Cvg 10 | Sst 35 Slt 65 | |
| 1935 | SANDSTONE : (90%) : off-white to very light grey and very light brown-grey, very fine to medium, moderately sorted, angular to subangular, moderate quartz overgrowths, siliceous cement, abundant white argillaceous matrix, occasional carbonaceous specks, occasional mica flakes, commonly loose, friable to moderately hard, very poor visual porosity, no shows. SILTSTONE : (5%) : light to mid, occasionally dark grey, occasionally dark brown-grey, very finely arenaceous in part, argillaceous in part, micromicaceous, common carbonaceous specks and very fine detritus, occasional carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky. Cavings : 5% | Sst 90 Slt 5 Cvg 5 | Sst 90 Slt 10 | |
| 1938 | SANDSTONE : (60%) : off-white to very light grey and very light brown-grey, very fine to medium, occasional coarse grains, moderately sorted, angular to | Sst 60 Slt 35 | Sst 60 Slt 40 | |



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

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| | <p>subangular, moderate quartz overgrowths, siliceous cement, abundant white argillaceous matrix, occasional carbonaceous specks, occasional mica flakes, commonly loose, friable to moderately hard, very poor visual porosity, no shows.</p> <p>SILTSTONE : (35%) : light to mid, occasionally dark grey, occasionally dark brown-grey, very finely arenaceous in part, argillaceous in part, micromicaceous, common carbonaceous specks and very fine detritus, occasional carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky.</p> <p>Cavings : 5%</p> | Cvg 5 | | |
| 1941 | <p>SANDSTONE : (60%): off-white to very light grey and very light brown-grey, very fine to medium, occasional coarse grains, moderately sorted, angular to subangular, moderate quartz overgrowths, siliceous cement, abundant white argillaceous matrix, occasional carbonaceous specks, occasional mica flakes, commonly loose, friable to moderately hard, very poor visual porosity, no shows.</p> <p>SILTSTONE : (25%) : light to mid, occasionally dark grey, occasionally dark brown-grey, very finely arenaceous in part, argillaceous in part, micromicaceous, common carbonaceous specks and very fine detritus, occasional carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky.</p> <p>COAL : 10% : very dark grey to black, submetallic to subvitreous, rarely vitreous, hackly to subconchoidal fracture, very firm to moderately hard, blocky to fissile.</p> <p>Cavings : 5%</p> | <p>Sst 60 Slt 25 Coal 10 Cvg 5</p> | <p>Sst 65 Slt 25 Coal 10</p> | |
| 1944 | <p>SANDSTONE : (50%): off-white to very light grey and very light brown-grey, very fine to medium, occasional coarse grains, moderately sorted, angular to subangular, moderate quartz overgrowths, siliceous cement, abundant white argillaceous matrix, occasional carbonaceous specks, occasional mica flakes, commonly loose, friable to moderately hard, very poor visual porosity, no shows.</p> <p>SILTSTONE : (25%) : light to mid, occasionally dark grey, occasionally dark brown-grey, very finely arenaceous in part, argillaceous in part, micromicaceous, common carbonaceous specks and very fine detritus, occasional carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky.</p> <p>COAL : 20% : very dark grey to black, submetallic to subvitreous, rarely vitreous, hackly to subconchoidal fracture, very firm to moderately hard, blocky to fissile.</p> <p>Cavings : 5%</p> | <p>Sst 50 Slt 25 Coal 20 Cvg 5</p> | <p>Sst 55 Slt 25 Coal 20</p> | |
| 1947 | <p>SILTSTONE : (70%) : light to mid, occasionally dark grey, occasionally dark brown-grey, very finely arenaceous in part, argillaceous in part, micromicaceous, common carbonaceous specks and very fine detritus, occasional carbonaceous and micaceous laminae, occasional to common very fine lithic grains, friable to firm, blocky.</p> <p>SANDSTONE : (20%): off-white to very light grey and very light brown-grey, very fine to medium, occasional coarse grains, moderately sorted, angular to subangular, moderate quartz overgrowths, siliceous cement, abundant white argillaceous matrix, occasional carbonaceous specks, occasional mica flakes, commonly loose, friable to moderately hard, very poor visual porosity, no shows.</p> <p>Cavings : 10%</p> | <p>Sst 20 Slt 70 Cvg 10</p> | <p>Sst 25 Slt 75</p> | |
| 1950 | <p>SANDSTONE : 80% : very light grey to very light olive grey, very fine to coarse, predominantly medium, poorly to moderately sorted, angular to subround, moderate quartz overgrowths, siliceous cement, abundant argillaceous matrix, common to abundant mica flakes, occasional carbonaceous specks, occasional lithic grains, generally loose, firm in aggregate, poor visual porosity, fair inferred porosity, no shows.</p> <p>SILTSTONE : 15% : light to dark grey, quartzose, very finely arenaceous in part, rare to common carbonaceous specks, micromicaceous in part, shows dull to moderately bright orange-gold mineral fluorescence (siderite ?), very firm to moderately hard, blocky.</p> <p>Cavings : 5%</p> | <p>Sst 80 Slt 15 Cvg 5</p> | <p>Sst 80 Slt 20</p> | |
| 1953 | <p>SANDSTONE : 90% : very light grey to very light olive grey, very fine to coarse, predominantly medium, poorly to moderately sorted, angular to subround, moderate quartz overgrowths, siliceous cement, abundant argillaceous matrix, common to abundant mica flakes, occasional carbonaceous specks, occasional lithic grains, generally loose, firm in aggregate, poor visual porosity, fair inferred porosity, no shows.</p> <p>SILTSTONE : 5% : light to dark grey, quartzose, very finely arenaceous in part, rare to common carbonaceous specks, micromicaceous in part, shows dull to</p> | <p>Sst 90 Slt 5 Cvg 5</p> | <p>Sst 95 Slt 5</p> | |



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

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| | moderately bright orange-gold mineral fluorescence (siderite ?), very firm to moderately hard, blocky. Cavings : 5% | | | |
| 1956 | SANDSTONE : 80% : very light grey to very light olive grey, very fine to coarse, predominantly medium, poorly to moderately sorted, angular to subround, moderate quartz overgrowths, siliceous cement, abundant argillaceous matrix, common to abundant mica flakes, occasional carbonaceous specks, occasional lithic grains, generally loose, firm in aggregate, poor visual porosity, fair inferred porosity, no shows. SILTSTONE : 20% : light to dark grey, quartzose, very finely arenaceous in part, rare to common carbonaceous specks, micromicaceous in part, shows dull to moderately bright orange-gold mineral fluorescence (siderite ?), very firm to moderately hard, blocky. Cavings : 5% | Sst 75 Slt 20 Cvg 5 | Sst 80 Slt 20 | |
| 1958 | a/a w/ COAL : 5% | Sst 70 Slt 20 Coal 5 Cvg 5 | Sst 75 Slt 20 Coal 5 | |
| 1962 | SANDSTONE : 30% : very light grey to very light olive grey, very fine to coarse, predominantly medium, poorly to moderately sorted, angular to subround, moderate quartz overgrowths, siliceous cement, abundant argillaceous matrix, common to abundant mica flakes, occasional carbonaceous specks, occasional lithic grains, generally loose, firm in aggregate, poor visual porosity, fair inferred porosity, no shows. SILTSTONE : 50% : light to dark grey, quartzose, very finely arenaceous in part, rare to common carbonaceous specks, micromicaceous in part, shows, trace dull to moderately bright orange-gold mineral fluorescence (siderite ?), very firm to moderately hard, blocky. COAL : 20% : very dark grey to black, submetallic to subvitreous, rarely vitreous, hackly to subconchoidal fracture, very firm to moderately hard, blocky to fissile. Cavings : 5% | Sst 30 Slt 45 Coal 20 Cvg 5 | Sst 30 Slt 50 Coal 20 | |
| 1965 | SANDSTONE : 30% : very light grey to very light olive grey, predominantly very fine, firm, aggregates, moderately sorted, loose medium grains in part, angular to subangular, rarely subround, moderate quartz overgrowths, aggregates have siliceous cement, abundant argillaceous matrix, common to abundant mica flakes, occasional carbonaceous specks, occasional lithic grains, poor visual porosity in aggregate, fair inferred porosity, no shows. SILTSTONE : 40% : light to dark grey, quartzose, very finely arenaceous in part, rare to common carbonaceous specks, micromicaceous in part, shows trace dull to moderately bright orange-gold mineral fluorescence (siderite ?), very firm to moderately hard, blocky. COAL : 30% : very dark grey to black, submetallic to subvitreous, rarely vitreous, hackly to subconchoidal fracture, very firm to moderately hard, blocky to fissile. Cavings 10% | Sst 25 Slt 35 Coal 30 Cvg 10 | Sst 30 Slt 40 Coal 30 | |
| 1968 | SANDSTONE : 80% : very light grey to very light olive grey, mainly loose very fine to medium grains, predominantly fine, moderate sorting, subangular to angular, micaceous, common to abundant fine to coarse sized transparent to pale brown mica flakes, with very fine grained aggregates in part, argillaceous matrix, generally white kaolin, silty, grading to Siltstone SILTSTONE : 20% : light to dark grey, quartzose, very finely arenaceous in part, rare to common carbonaceous specks, micromicaceous in part, shows trace dull to moderately bright orange-gold mineral fluorescence (siderite ?), very firm to moderately hard, blocky. Cavings 10% | Sst 75 Slt 15 Cvg 10 | Sst 80 Slt 20 | |
| 1971 | SANDSTONE : 80% : as above SILTSTONE : 20% : as above Cavings 5% hard multicoloured cuttings | Sst 75 Slt 15 Cvg 10 | Sst 80 Slt 20 | |
| 1974 | SANDSTONE : 80% : as above SILTSTONE : 20% : as above Cavings 5% hard multicoloured cuttings | Sst 75 Slt 15 Cvg 10 | Sst 80 Slt 20 | |
| 1977 | SANDSTONE : 80% : as above SILTSTONE : 20% : as above Cavings 5% hard multicoloured cuttings | Sst 75 Slt 20 Cvg 10 | Sst 80 Slt 20 | |
| 1980 | SANDSTONE : 80% : very light grey to very light olive grey, mainly firm very fine to fine grained aggregates, firm, moderate sorting, subangular to angular, micaceous, common carbonaceous specks, argillaceous matrix, generally white kaolin, silty, grading to Siltstone, with a lesser amount of loose, fine to medium quartz grains, | Sst 75 Slt 15 Cvg 10 | Sst 80 Slt 20 | |



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

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| | SILTSTONE : 20% : light to dark grey, quartzose, very finely arenaceous in part, rare to common carbonaceous specks, micromicaceous in part, shows very rare dull to moderately bright orange-gold mineral fluorescence (siderite ?), very firm to moderately hard, blocky. Cavings 10% | | | |
| 1983 | As above | Sst 75 Slt 15 Cvg 10 | Sst 80 Slt 20 | |
| 1986 | As above | Sst 75 Slt 15 Cvg 10 | Sst 80 Slt 20 | |
| 1989 | As above | Sst 75 Slt 15 Cvg 10 | Sst 80 Slt 20 | |
| 1992 | SANDSTONE : 95% : very light grey to very light olive grey, loose, fine to medium, well sorted, subangular to angular, micaceous, common kaolin in sample, good inferred porosity SILTSTONE : 5% : as above Trace mineral fluorescence as above, soft translucent mineral with black inclusions, no cut fluorescence Cavings less than 5% | Sst 90 Slt 5 Cvg 5 | Sst 95 Slt 5 | |
| 1995 | As above | Sst 90 Slt 5 Cvg 5 | Sst 95 Slt 5 | |
| 1998 | As above Mineral fluorescence as above rare | Sst 90 Slt 5 Cvg 5 | Sst 95 Slt 5 | |
| 2001 | As above | Sst 90 Slt 5 Cvg 5 | Sst 95 Slt 5 | |
| 2004 | SANDSTONE : 100%, very light grey to very light olive grey, loose, fine to coarse grained, predominantly medium, moderately well sorted, subangular to angular, trace showing quartz overgrowth, slightly micaceous, good inferred porosity, with rare aggregates, moderately hard, siliceous cement, kaolin matrix, micaceous, poor porosity SILTSTONE : Trace COAL : Trace as above Cavings less than 5% | Sst 95 Slt Tr Coal Tr Cvg 5 | Sst 100 Slt Tr Coal Tr | |
| 2007 | As above | Sst 95 Slt Tr Coal Tr Cvg 5 | Sst 100 Slt Tr Coal Tr | |
| 2010 | As above | Sst 95 Slt Tr Coal Tr Cvg 5 | Sst 100 Slt Tr Coal Tr | |
| 2013 | CLAYSTONE : 50% light olive grey to medium grey in part, soft to firm, micromicaceous in part, rare black carbonaceous laminae Cavings 50% of the sample | Cly 50 Cvg 50 | Cly 100 | |
| 2016 | CLAYSTONE : 30% as above SANDSTONE : 70% ; light grey, loose, fine to coarse, predominantly medium, moderately well sorted, subangular to angular, rare rounded grains, trace mica, transparent and brown flakes, soft kaolin in sample but no aggregates, very good inferred porosity Cavings 30% of the sample | Sst 50 Cly 20 Cvg 30 | Sst 70 Cly 30 | |
| 2019 | SANDSTONE : 100% : Generally as above with medium to coarse grains predominating Cavings 20% hard multicoloured clay cuttings as above | Sst 80 Cvg 20 | Sst 100 | |
| 2022 | SANDSTONE : 70% : light grey, loose, medium to coarse, predominantly coarse, moderately well sorted, subangular to angular, slight trace mica, transparent and brown flakes, clear to milky quartz grains, excellent inferred porosity CLAYSTONE : 20% :medium to dark olive grey, soft, slightly carbonaceous, dark grey, very silty in part Cavings 10% | Sst 70 Cly 20 Cvg 10 | Sst 75 Cly 25 | |
| 2025 | SANDSTONE : 90% as above Cavings 10% | Sst 90 Cvg 10 | Sst 100 | |
| 2028 | SANDSTONE : 80% as above CLAYSTONE : 20%: light olive grey, soft, slightly carbonaceous | Sst 75 Cly 15 | Sst 80 Cly 20 | |



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

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| | Cavings 10% | Cvg 10 | | |
| 2031 | SANDSTONE : 40% as above CLAYSTONE : 60%: light olive grey, soft, slightly carbonaceous COAL : Trace Cavings 20% | Sst 30 Cly 50 Coal Tr Cvg 20 | Sst 40 Cly 60 Coal Tr | |
| 2034 | SANDSTONE : 40% as above CLAYSTONE : 35%: light olive grey, soft, slightly carbonaceous COAL : 15% : very dark grey to black, sub metallic to subvitreous, rarely vitreous, hackly to sub conchoidal fracture, very firm to moderately hard, blocky to fissile.(cavings no gas?) Cavings 10% | Sst 40 Cly 35 Coal 15 Cvg 10 | Sst 45 Cly 40 Coal 20 | |
| 2037 | SANDSTONE : 85% : off-white to very light grey and very light olive grey, very fine to medium with occasional to common coarse grains, well sorted where very fine to fine to poorly sorted, angular to subround, moderate quartz overgrowths, siliceous cement, abundant white (kaolinite) argillaceous matrix, common to abundant muscovite flakes, occasional carbonaceous specks, generally loose, firm to very firm in aggregate, very poor visual porosity to fair inferred porosity, no shows. SILTSTONE : 5% : light to mid grey and light to mid brown-grey, quartzose, very finely arenaceous, micromicaceous, rare to common carbonaceous specks, occasional to locally abundant carbonaceous and micaceous microlaminae, friable to firm, blocky to subfissile. Cavings : 10% | Sst 85 Slt 5 Cvg 10 | Sst 95 Slt 5 | |
| 2040 | SANDSTONE : 90% : a/a SILTSTONE : 5% :a/a Cavings : 5% | Sst 90 Slt 5 Cvg 5 | Sst 95 Slt 5 | |
| 2043 | SANDSTONE : 90% : a/a SILTSTONE : 5% :a/a Cavings : 5% | Sst 90 Slt 5 Cvg 5 | Sst 95 Slt 5 | |
| 2046 | SANDSTONE : 90% : a/a SILTSTONE : 5% :a/a Cavings : 5% | Sst 90 Slt 5 Cvg 5 | Sst 95 Slt 5 | |
| 2049 | SANDSTONE : 90% : off-white to very light grey and very light olive grey, very fine to coarse predominantly medium, moderately well sorted, angular to predominantly subround, moderate quartz overgrowths, siliceous cement, abundant white (kaolinite) argillaceous matrix, common to abundant muscovite flakes, occasional carbonaceous specks, rare lithic grains, generally loose, firm in aggregate, very poor visual porosity to fair inferred porosity, no shows. SILTSTONE : 5% : light to mid grey and light to mid brown-grey, rarely dark brown-grey, quartzose, very finely arenaceous, rarely argillaceous, micromicaceous, rare to common carbonaceous specks, occasional carbonaceous and micaceous microlaminae, friable to firm, blocky to subfissile. Cavings : 5% | Sst 90 Slt 5 Cvg 5 | Sst 95 Slt 5 | |
| 2052 | SANDSTONE : 90% : a/a SILTSTONE : 5% : a/a Cavings : 5% | Sst 90 Slt 5 Cvg 5 | Sst 95 Slt 5 | |
| 2055 | SANDSTONE : 90% : a/a SILTSTONE : 5% : a/a Cavings : 5% | Sst 90 Slt 5 Cvg 5 | Sst 95 Slt 5 | |
| 2058 | SANDSTONE : 90% : a/a SILTSTONE : 5% : a/a Cavings : 5% | Sst 90 Slt 5 Cvg 5 | Sst 95 Slt 5 | |
| 2061 | SILTSTONE : 55% : a/a SANDSTONE : 40% : a/a Cavings : 5% | Sst 40 Slt 55 Cvg 5 | Sst 40 Slt 60 | |
| 2064 | SILTSTONE : 55% : a/a SANDSTONE : 40% : a/a Cavings : 5% | Sst 40 Slt 55 Cvg 5 | Sst 40 Slt 60 | |



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

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| 2067 | SANDSTONE : 80% : a/a SILTSTONE : 15% : a/a Cavings : 5% | Sst 80 Slr 15 Cvg 5 | Sst 80 Slr 20 | |
| 2070 | SANDSTONE : 80% : a/a SILTSTONE : 15% : a/a Cavings : 5% | Sst 80 Slr 15 Cvg 5 | Sst 80 Slr 20 | |
| 2073 | SANDSTONE : 85% : a/a SILTSTONE : 10% : a/a Cavings : 5% | Sst 85 Slr 10 Cvg 5 | Sst 90 Slr 10 | |
| 2076 | SANDSTONE : 75% : a/a SILTSTONE : 20% : a/a Cavings : 5% | Sst 75 Slr 20 Cvg 5 | Sst 80 Slr 20 | |
| 2079 | SANDSTONE : 90% : off-white to very light grey and very light olive grey, very fine to coarse predominantly medium, moderately well sorted, angular to predominantly subround, moderate quartz overgrowths, siliceous cement, abundant white (kaolinite) argillaceous matrix, common to abundant muscovite flakes, occasional carbonaceous specks, rare lithic grains, generally loose, firm in aggregate, very poor visual porosity to fair inferred porosity, no shows. SILTSTONE : 5% : light to mid grey and light to mid brown-grey, rarely dark brown-grey, quartzose, very finely arenaceous, rarely argillaceous, micromicaceous, rare to common carbonaceous specks, occasional carbonaceous and micaceous microlaminae, friable to firm, blocky to subfissile. Cavings : 5% | Sst 85 Slr 10 Cvg 5 | Sst 90 Slr 10 | |
| 2082 | SANDSTONE : 85% : a/a SILTSTONE : 10% : a/a Cavings : 5% | Sst 85 Slr 10 Cvg 5 | Sst 90 Slr 10 | |
| 2085 | SILTSTONE : 60% : a/a SANDSTONE : 30% : a/a Cavings : 10% | Sst 30 Slr 60 Cvg 10 | Sst 35 Slr 65 | |
| 2088 | SILTSTONE : 1) : 85% : very light to light grey, quartzose, slightly argillaceous, rare carbonaceous specks, very firm to moderately hard, blocky. SILTSTONE : 2) : 10% : light to mid brown-grey, rarely dark brown-grey, quartzose, very finely arenaceous, slightly to moderately argillaceous, micromicaceous, rare to occasional carbonaceous specks, rare carbonaceous microlaminae and detritus, friable to firm, blocky to subfissile. Cavings : 5% | Slr 95 Cvg 5 | Slr 100 | |
| 2091 | SILTSTONE : 1) : 55% : very light to light grey, occasionally light olive grey, quartzose, slightly argillaceous, rare carbonaceous specks, very firm to moderately hard, blocky. SILTSTONE : 2) : 30% : light to mid brown-grey, rarely dark brown-grey, quartzose, very finely arenaceous, slightly to moderately argillaceous, micromicaceous, rare to occasional carbonaceous specks, rare carbonaceous microlaminae and detritus, friable to firm, blocky to subfissile. SANDSTONE : 10% : off-white to very light grey and very light olive grey, very fine to coarse, predominantly fine to medium, moderately well sorted, angular to predominantly subround, moderate quartz overgrowths, siliceous cement, abundant white (kaolinite) argillaceous matrix, common to abundant muscovite flakes, occasional carbonaceous specks, rare lithic grains, generally loose, firm to moderately hard in aggregate, very poor visual porosity to fair inferred porosity, no shows. Cavings : 5% | Sst 10 Slr 85 Cvg 5 | Sst 10 Slr 90 | |
| 2094 | SILTSTONE : 1) : 75% : a/a SILTSTONE : 2) : 10% : a/a SANDSTONE : 10% : a/a Cavings : 5% | Sst 10 Slr 85 Cvg 5 | Sst 10 Slr 90 | |
| 2097 | SILTSTONE : 1) : 45% : a/a SILTSTONE : 2) : 10% : a/a SANDSTONE : 40% : a/a Cavings : 5% | Sst 40 Slr 55 Cvg 5 | Sst 40 Slr 60 | |



CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS

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| 2100 | SANDSTONE : 90% : very light grey to very light olive grey, fine to medium with occasional coarse to very coarse grains, moderately sorted, subrounded to well rounded, frosted (aeolian) grains, light olive grey silty and argillaceous matrix (?), loose with no aggregates, matrix appears as soft agglutinations of light olive grey rock flour, very poor inferred porosity, no shows. Cavings : 10% | Sst 90 Cvg 10 | Sst 100 | |
| 2103 | SANDSTONE : 60% : very light grey to very light olive grey, fine to medium with occasional coarse to very coarse grains, moderately sorted, subrounded to well rounded, frosted (aeolian) grains, light olive grey silty and argillaceous matrix (?), loose with no aggregates, matrix appears as soft agglutinations of light olive grey rock flour, very poor inferred porosity, no shows. SILTSTONE : 30% : light to mid grey, sucrosic, quartzose, slightly argillaceous, firm, blocky. Cavings : 10% | Sst 60 Slt 30 Cvg 10 | Sst 65 Slt 35 | |
| 2106 | SANDSTONE : 90% : off-white to very light grey, very fine to medium, well sorted where very fine to fine, moderately sorted where very fine to medium, occasional coarse grains, angular to well rounded, moderate to abundant quartz overgrowths, common well rounded aeolian grains, siliceous cement, minor to abundant white argillaceous matrix, commonly loose, very firm to moderately hard in aggregate, poor to very poor visual porosity, poor to fair inferred porosity, no shows. Cavings : 10%. | Sst 90 Cvg 10 | Sst 100 | |
| 2109 | SILTSTONE : 60% : off-white to very light grey, quartzose, sucrosic, very finely arenaceous grading to very fine sandstone, moderately hard, blocky. SANDSTONE : 30% : off-white to very light grey, very fine to fine, occasional medium grains, well to moderately sorted, angular to well rounded, moderate to abundant quartz overgrowths, occasional to common well rounded aeolian grains, siliceous cement, minor to abundant white argillaceous matrix, commonly loose, very firm to moderately hard in aggregate, poor to very poor visual porosity, poor to fair inferred porosity, no shows, grading to siltstone. Cavings : 10%. | Sst 30 Slt 60 Cvg 10 | Sst 35 Slt 65 | |
| 2112 | SILTSTONE : 25% : as above. SANDSTONE : 65% : as above. Cavings : 10%. | Sst 65 Slt 35 Cvg 10 | Sst 70 Slt 35 | |
| 2115 | SILTSTONE : 25% : as above. SANDSTONE : 65% : as above. Cavings : 10%. | Sst 65 Slt 35 Cvg 10 | Sst 70 Slt 35 | |
| 2118 | SANDSTONE : 80% : off-white to very light grey, very fine to medium, predominantly fine to medium, subangular to well rounded, moderate quartz overgrowths, common well rounded aeolian grains, siliceous cement, minor to abundant white argillaceous matrix, occasional siliceous matrix, commonly loose, very firm to moderately hard in aggregate, poor to very poor visual porosity, poor to fair inferred porosity, no shows. SILTSTONE : (10%): off-white to very light grey, occasionally very pale green, quartzose, sucrosic, very finely arenaceous grading to very fine sandstone, moderately hard, blocky. Cavings : 10%. | Sst 80 Slt 10 Cvg 10 | Sst 90 Slt 10 | |
| 2121 | SANDSTONE : 80% : as above. SILTSTONE : (10%): as above. Cavings : 10%. | Sst 80 Slt 10 Cvg 10 | Sst 90 Slt 10 | |
| 2124 | SANDSTONE : 100% : as above. | Sst 100 Slt tr Cvg tr | Sst 100 | |
| 2127 | SANDSTONE : 100% : as above. | Sst 100 Slt tr Cvg tr | Sst 100 | |
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CENTRAL PETROLEUM LTD CUTTINGS DESCRIPTIONS