



# CENTRAL PETROLEUM LTD SIDEWALL CORE DESCRIPTIONS

Well: Blamore-1 Gun No: 1 Date: 07/08/08 Page: 1  
Shots Fired: 25 Empty: 0 Misfires: 0 Shots Bought: 23 Geologist: Paul Elliott

CORE No	DEPTH, m	REC. mm	FORMATION	LITHOLOGY & FLUORESCENCE DESCRIPTIONS (%S sandstone in sample / %F sandstone fluorescing)
1	1977.5	Lost	Purni Formation	
2	1973.5	15	Purni Formation	<b>Thinly bedded Sandstone and Claystone.</b> <b>Sandstone:</b> 60%: off-white to dark brown-grey, very fine to fine, well sorted, angular to subangular, moderate quartz overgrowths, abundant argillaceous matrix, siliceous cement, common to abundant carbonaceous specks and laminae, common mica flakes, crushed with hard aggregates, very poor visual porosity, no shows. <b>Fluorescence:</b> no fluor, very slow faint blooming cut fluor, broad dull to moderately bright yellow-white ring residue. <b>Claystone:</b> 40%: dark brown-grey, plastic, soft, blocky.
3	1965.0	15	Purni Formation	<b>Sandstone:</b> 100%: off-white to light brown-grey, very fine to fine, well sorted, angular to subangular, moderate quartz overgrowths, abundant argillaceous matrix, siliceous cement, common to abundant carbonaceous specks and microlaminae, common mica flakes, very poor visual porosity, no shows. <b>Fluorescence:</b> no fluor, very slow faint blooming cut fluor, broad dull to moderately bright yellow-white ring residue.
4	1953.0	15	Purni Formation	<b>Sandstone:</b> 100%: off-white to dark brown-grey, very fine to fine, well sorted, angular to subangular, abundant argillaceous matrix, siliceous cement, common to abundant carbonaceous specks and microlaminae, common mica flakes, very poor visual porosity, <b>Fluorescence:</b> 10% very dull to dull blue-white spotted fluor with slow blooming to slight streaming cut and broad moderately bright yellow-white ring residue.
5	1931.2	15	Purni Formation	<b>Sandstone:</b> 100%: off-white to rarely light brown-grey, very fine to fine, well sorted, angular to subangular, moderate quartz overgrowths, abundant argillaceous matrix, siliceous cement, occasional carbonaceous specks and microlaminae, common mica flakes, very poor visual porosity. <b>Fluorescence:</b> no fluor, very slow faint blooming cut fluor, broad dull to moderately bright yellow-white ring residue.
6	1929.5	50	Purni Formation	<b>Coal:</b> 100%: very dark grey to brownish black, subvitreous to vitreous, moderately hard to powdery(crushed) hackly to subconchoidal, brittle. <b>Fluorescence:</b> no fluor, moderate blue-white blooming to streaming cut fluor with moderately bright yellow-white film residue.
7	1899.2	20	Purni Formation	<b>Siltstone:</b> 100%: mid to dark brownish grey, predominantly quartzose, very finely arenaceous, slightly argillaceous, common carbonaceous specks and fine to rarely coarse mica flakes, moderately hard, blocky. <b>Fluorescence:</b> no fluor, very slow faint blooming cut fluor, broad faint yellow-white ring residue.
8	1884.5	50	Purni Formation	<b>Coal:</b> 100%: brownish black, earthy to subvitreous, hackly fracture, sub-blocky. <b>Fluorescence:</b> slow to moderate blue-white blooming to streaming cut fluor with patchy faint yellow-white film residue.
9	1845.0	20	Purni Formation	<b>Siltstone:</b> 100%: mid grey to dark brownish grey, predominantly quartzose, very finely arenaceous, slightly argillaceous, common carbonaceous specks and detritus, common fine mica flakes, moderately hard, blocky. <b>Fluorescence:</b> no fluor, very slow faint blooming cut fluor, broad, very faint yellow-white ring residue.
10	1805.2	20	Purni Formation	<b>Siltstone:</b> 100%: light grey to mid brownish grey, predominantly quartzose, very finely arenaceous, slightly argillaceous, common carbonaceous specks and detritus, common fine mica flakes, moderately hard, blocky. <b>Fluorescence:</b> no fluor, very slow faint blooming cut fluor, broad, very faint yellow-white ring residue.
11	1790.4	20	Purni Formation	<b>Siltstone:</b> 100%: mid brownish grey, predominantly quartzose, very finely arenaceous, slightly argillaceous, common carbonaceous specks and detritus, common fine mica flakes, moderately hard, blocky. <b>Fluorescence:</b> no fluor, very slow faint blooming cut fluor, thin dull



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				yellow-white film residue.
12	1751.9	Lost	Purni Formation	
13	1730.7	40	Purni Formation	<b>Coal:</b> 100%: brownish black, earthy to subvitreous, hackly to subconchoidal fracture, sub-blocky. <b>Fluorescence:</b> slow to moderate blue-white blooming to streaming cut fluor with patchy faint yellow-white film residue.
14	1704.5	20	Purni Formation	<b>Siltstone:</b> 100%: light to mid brownish grey, predominantly quartzose, very finely arenaceous, slightly argillaceous, common carbonaceous specks and detritus, common fine mica flakes, moderately hard, blocky. <b>Fluorescence:</b> no fluor, very slow faint blooming cut fluor, thin yellow-white film residue.
15	1691.4	25	Purni Formation	<b>Siltstone:</b> 60%: mid brownish grey, predominantly quartzose, very finely arenaceous, slightly argillaceous, common carbonaceous specks and detritus, common fine mica flakes, moderately hard, blocky. <b>Fluorescence:</b> no fluor, very slow faint blooming cut fluor, thin yellow-white film residue. <b>Claystone:</b> 40%: very dark grey, micromicaceous, carbonaceous, very firm, blocky.
16	1658.7	50 Cr	Purni Formation	<b>Coal:</b> 100%: brownish black to very dark grey, earthy to subvitreous, hackly to subconchoidal fracture, sub-blocky. <b>Fluorescence:</b> no fluor, slow to moderate blue-white blooming to streaming cut fluor with patchy faint yellow-white film residue.
17	1641.5	40	Purni Formation	Sandstone with thin interbeds and interlaminae of Coal. <b>Sandstone:</b> 60%: light to very light brown-grey, fine to very coarse, predominantly medium, subangular to subround, siliceous cement, abundant argillaceous matrix, common carbonaceous detritus, very poor visual porosity. <b>Fluorescence:</b> 10% dim to dull patchy bluish to yellowish white fluor with very slow faint blooming to streaming cut and dull patchy broad ring residue. <b>Coal:</b> 40%: brownish black, earthy to subvitreous, hackly to subconchoidal fracture, sub-blocky. <b>Fluorescence:</b> no fluor, slow to moderate blue-white blooming to streaming cut fluor with patchy faint yellow-white film residue.
18	1637.0	20	Purni Formation	<b>Siltstone:</b> 100%: dark brown-grey, argillaceous, very finely arenaceous, common carbonaceous specks and inclusions in part, very firm, blocky. <b>Fluorescence:</b> no fluor, slow moderately bright blooming blue-white cut fluor, thin patchy yellow-white film residue.
19	1622.5	20	Purni Formation	<b>Claystone:</b> 100%: light to mid slightly brownish grey, slightly silty, carbonaceous specks, occasional quartz grains, very firm, blocky <b>Fluorescence:</b> no fluor, very slow, dull, very faint, blooming, blue-white cut fluor, thin yellow-white film residue.
20	1620.6	50	Purni Formation	<b>Coal:</b> 100%: brownish black to very dark grey, earthy to subvitreous, hackly to subconchoidal fracture, sub-blocky. <b>Fluorescence:</b> no fluor, slow to moderate blue-white blooming to streaming cut fluor with patchy faint yellow-white film residue.
21	1596.0	45	Purni Formation	<b>Coal:</b> 100%: brownish black to very dark grey, earthy to subvitreous, hackly to subconchoidal fracture, sub-blocky. <b>Fluorescence:</b> no fluor, slow to moderate blue-white blooming to streaming cut fluor with patchy faint yellow-white film residue.
22	1562.5	40	Purni Formation	<b>Thinly bedded to laminated Sandstone and Coal.</b> <b>Sandstone:</b> 60%: light to very light brown-grey, fine to medium, predominantly fine, subangular to subround, siliceous cement, abundant argillaceous matrix, common carbonaceous detritus, very poor visual porosity, no fluorescence.. <b>Coal:</b> 40%: brownish black, soft, crumbly to powdery, earthy, soft. <b>Fluorescence:</b> (combined) no fluor, slow to moderate blue-white blooming to streaming cut fluor with patchy faint yellow-white film residue.
23	1546.5	25	Purni Formation	<b>Siltstone:</b> 100%: light to mid grey, very finely arenaceous, common carbonaceous inclusions, micromicaceous, occasional lithic grains, blocky, very firm. <b>Fluorescence:</b> no fluor, very slow, faint blooming cut fluor, broad dull yellow-white film residue.
24	1522.0	45	Purni Formation	<b>Sandstone:</b> 100%: off-white, very fine to medium, moderately well sorted, angular to subangular, siliceous cement, abundant argillaceous matrix, rare carbonaceous specks and inclusions, rare lithic grains, very poor visual and inferred porosity.

3