

STRATA/ SEAM	SAMPLE NO.	BASE (m)	THICK. (m)	LITHOLOGY DESCRIPTION
		1.00	1.00	SOIL: clayey, sandy, medium brown, highly weathered, moderately soft.
		5.00	4.00	SAND: fine grained, light cream, highly weathered, loose.
		10.00	5.00	SANDSTONE: clayey, matrix, minor, pebbly, clasts, medium grained, light to medium cream, yellow, highly weathered, moderately soft.
		14.50	4.50	SANDSTONE: fine and medium grained, mottled cream, grey, moderately weathered, moderately soft.
		15.00	0.50	SILTSTONE: mottled orange, grey, moderately weathered, moderately soft.
		17.00	2.00	SILTSTONE: partly carbonaceous, medium to dark grey, brown, slightly weathered, moderately soft.
————— Base of Weathering —————				
		19.00	2.00	SILTSTONE: medium to dark grey, fresh, moderately hard.
		24.00	5.00	SANDSTONE: silty, laminae, fine grained, medium grey, moderately hard, finely laminated.
		25.00	1.00	SILTSTONE: medium to dark grey, moderately hard.
		26.00	1.00	SANDSTONE: silty, laminae, fine grained, medium grey, moderately hard, finely laminated.
		27.00	1.00	SILTSTONE: medium to dark grey, moderately hard.
		28.00	1.00	CARBONACEOUS SHALE: dark brown, moderately hard.
		31.60	3.60	SILTSTONE: partly carbonaceous, medium to dark grey, moderately hard.
		31.90	0.30	COAL: hard.
		32.10	0.20	CARBONACEOUS SHALE: dark brown, moderately hard.
		35.37	3.27	SILTSTONE: medium to dark grey, moderately hard.
		35.73	0.36	COAL: hard.
		36.50	0.77	CARBONACEOUS SHALE: dark brown, moderately hard.
		37.15	0.65	COAL (70%): hard, irregularly interbedded with CARBONACEOUS SHALE (30%): dark brown, moderately hard.
		40.00	2.85	SILTSTONE: medium to dark grey, moderately hard.
		41.00	1.00	CARBONACEOUS SILTSTONE: bands of coal, medium to dark brown, grey, moderately hard.
		41.29	0.29	COAL: hard.
		46.00	4.71	SILTSTONE: silicified, towards middle of unit, partly carbonaceous, towards base of unit, medium to dark grey, moderately hard.
		47.05	1.05	MUDSTONE: medium brown, grey, moderately hard.

STRATA/ SEAM	SAMPLE NO.	BASE (m)	THICK. (m)	LITHOLOGY DESCRIPTION
		47.37	0.32	COAL: hard.
		47.50	0.13	CARBONACEOUS MUDSTONE: medium to dark brown, grey, moderately hard.
		49.00	1.50	SILTSTONE: medium to dark grey, moderately hard.
		49.75	0.75	CARBONACEOUS SHALE: dark brown, moderately hard.
		50.35	0.60	COAL: hard.
		50.75	0.40	COAL (50%): hard, irregularly interbedded with CARBONACEOUS MUDSTONE (50%): medium to dark brown, grey, moderately soft.
		51.00	0.25	CARBONACEOUS MUDSTONE: medium to dark brown, grey, moderately soft.
		53.00	2.00	SANDSTONE: fine grained, medium grey, moderately hard, finely laminated.
		55.50	2.50	SANDSTONE: fine and medium grained, light to medium grey, moderately hard, finely laminated.
		56.23	0.73	SILTSTONE: partly carbonaceous, medium to dark grey, moderately hard.
		56.50	0.27	COAL: hard.
		59.55	3.05	SILTSTONE: sandy, in part, medium to dark grey, moderately hard.
		59.92	0.37	COAL: hard.
		60.50	0.58	SILTSTONE: sandy, in part, medium to dark grey, moderately hard.
		60.70	0.20	COAL: hard.
		63.00	2.30	SILTSTONE: sandy, in part, medium to dark grey, moderately hard.
		63.50	0.50	SILTSTONE: sideritic, medium brown, hard.
		68.00	4.50	SANDSTONE: fine and medium grained, light to medium grey, moderately hard to hard, fining upwards.
		70.85	2.85	MUDSTONE: partly carbonaceous, medium to dark brown, grey, moderately soft.
		71.00	0.15	COAL: hard.
		71.65	0.65	MUDSTONE: partly carbonaceous, medium to dark brown, grey, moderately soft.
		72.00	0.35	COAL: hard.
		75.00	3.00	MUDSTONE: partly carbonaceous, medium to dark brown, grey, moderately hard.
		81.00	6.00	SANDSTONE: fine and medium grained, light to medium grey, moderately hard.

STRATA/ SEAM	SAMPLE NO.	BASE (m)	THICK. (m)	LITHOLOGY DESCRIPTION
		82.00	1.00	SANDSTONE: sideritic, light to medium brown, hard.
		84.95	2.95	SANDSTONE: fine and medium grained, light to medium grey, moderately hard.
		85.20	0.25	COAL: hard.
		88.68	3.48	MUDSTONE: with minor hard bands, sideritic, medium to dark brown, grey, moderately soft.
		89.30	0.62	COAL: hard.
		91.00	1.70	MUDSTONE: medium to dark brown, grey, moderately soft.
		94.00	3.00	SANDSTONE: fine grained, medium grey, moderately hard.
		101.50	7.50	SANDSTONE: medium grained, medium grey, moderately hard.
		102.00	0.50	SANDSTONE: sideritic, fine grained, light to medium brown, hard.
		104.60	2.60	SANDSTONE: silty, bands, fine grained, medium grey, moderately hard.
		105.60	1.00	COAL: hard.
		106.50	0.90	SILTSTONE: muddy, in part, medium to dark grey, brown, moderately hard.
		106.75	0.25	COAL: hard.
		107.75	1.00	SILTSTONE: muddy, in part, medium to dark grey, brown, moderately hard.
		108.30	0.55	COAL: hard.
		108.35	0.05	SILTSTONE: muddy, in part, medium to dark grey, brown, moderately hard.
		108.80	0.45	COAL: hard.
		112.00	3.20	SILTSTONE: muddy, in part, medium to dark grey, brown, moderately hard.
		118.00	6.00	SANDSTONE (70%): fine and medium grained, medium grey, moderately hard, irregularly interbedded with SILTSTONE (30%): medium to dark grey, brown, moderately hard.
		124.53	6.53	SANDSTONE: fine and medium grained, light to medium grey, moderately hard.

Hole is blowing some gas, less than 2.5% vol and only intermittent, downwind from the rig, away from the motor and vehicles.

		125.20	0.67	COAL: hard.
		126.25	1.05	SILTSTONE: muddy, in part, medium to dark brown, grey, moderately hard.
		126.40	0.15	COAL: hard.

STRATA/ SEAM	SAMPLE NO.	BASE (m)	THICK. (m)	LITHOLOGY DESCRIPTION
		130.90	4.50	SILTSTONE: muddy, in part, medium to dark brown, grey, moderately hard.
		130.95	0.05	COAL: hard.
		135.50	4.55	SILTSTONE: muddy, in part, medium to dark brown, grey, moderately hard.
		136.00	0.50	SILTSTONE: sideritic, medium brown, hard.
		137.00	1.00	SILTSTONE: muddy, in part, medium to dark brown, grey, moderately hard.
		138.00	1.00	SANDSTONE: fine grained, light to medium grey, moderately hard to hard.
		140.00	2.00	SANDSTONE (50%): fine and medium grained, light to medium grey, moderately hard to hard, interbedded with SANDSTONE (50%): sideritic, fine and medium grained, light to medium brown, hard.
		142.85	2.85	SANDSTONE: fine grained, light to medium grey, moderately hard to hard.
		143.20	0.35	COAL: hard.
		143.90	0.70	SILTSTONE: muddy, in part, medium to dark brown, grey, moderately hard.
		144.23	0.33	COAL: hard.
		146.50	2.27	SILTSTONE: muddy, in part, medium to dark brown, grey, moderately hard.
		159.25	12.75	SANDSTONE: minor, silty, bands, fine and medium grained, light to medium grey, moderately hard to hard.
		159.86	0.61	SILTSTONE: muddy, in part, medium to dark brown, grey, moderately hard.
		160.30	0.44	COAL: hard.
		164.00	3.70	SILTSTONE: sandy, towards base of unit, medium to dark grey, brown, moderately hard.
		171.55	7.55	SANDSTONE: minor, silty, bands, fine and medium grained, light to medium grey, moderately hard to hard.
		172.35	0.80	COAL: hard.
		175.00	2.65	SILTSTONE: medium to dark grey, brown, moderately hard.
		183.75	8.75	SANDSTONE: minor, silty, bands, fine and medium grained, light to medium grey, moderately hard to hard, fining upwards.
		183.90	0.15	COAL: hard.
		186.90	3.00	SILTSTONE: muddy, in part, medium to dark grey, brown, moderately hard.

STRATA/ SEAM	SAMPLE NO.	BASE (m)	THICK. (m)	LITHOLOGY DESCRIPTION
		187.25	0.35	COAL: hard.
		192.70	5.45	SILTSTONE: muddy, in part, medium to dark grey, brown, moderately hard.
		193.15	0.45	COAL: hard.
		195.00	1.85	SILTSTONE: sandy, towards base of unit, medium to dark grey, brown, moderately hard.
		200.00	5.00	SANDSTONE: minor, silty, bands, fine and medium grained, light to medium grey, moderately hard.
		202.50	2.50	SILTSTONE: medium to dark grey, moderately hard.
		211.00	8.50	SANDSTONE: minor, silty, bands, fine and medium grained, light to medium grey, moderately hard.
		212.00	1.00	SANDSTONE (60%): fine and medium grained, light to medium grey, moderately hard, interbedded with SANDSTONE (40%): sideritic, fine and medium grained, light to medium brown, hard.
		221.50	9.50	SILTSTONE (80%): medium to dark grey, brown, moderately hard, irregularly interbedded with SANDSTONE (20%): fine and medium grained, light to medium grey, moderately hard to hard.
		221.87	0.37	COAL (95%): hard, irregularly interbedded with SILTSTONE (5%): medium to dark grey, brown, moderately hard.
		222.60	0.73	SILTSTONE: medium to dark grey, brown, moderately hard.
		223.35	0.75	COAL (80%): hard, irregularly interbedded with SILTSTONE (20%): medium to dark grey, brown, moderately hard.
		231.00	7.65	SILTSTONE (80%): medium to dark grey, brown, moderately hard, irregularly interbedded with SANDSTONE (20%): fine and medium grained, light to medium grey, moderately hard.

Caving at the top of the hole made drilling difficult to proceed. More casing used to stop the caving but due to continued difficulties, hole was terminated at 231m.

————— TOTAL DEPTH: 231.00 metres —————