Woodside Energy Ltd.

Wellsite Lithology Log

Rig Type:
Rotary Table:
Water Depth:
Total Depth:
Well Status:

Latitude:
Longitude:
Eastings:
Northings:
Seismic line:

Wellsite Geologists:

Accessories

(An)	Anhydrite	Py:	Pyrite	Al:	Algae
(Gyp)	Gypsum	Mc:	Mica	O:	Ooliths
(Ha)	Halite/Salt	Ch:	Chert	Co:	Corals
(C)	Coal	C:	Lignite / Coal	Cr:	Crinoids
(Cht)	Chert	G:	Glauconite	Fo:	Foraminifera
		F:	Feldspar	Br:	Bryozoa
		Ce:	Chlorite	Os:	Ostracoda
(MM)	Metamorphic	Qx:	Quartz Crystals	Rd:	Radiolaria
(Plut)	Plutonic	Cx:	Calcite Crystals	I:	Inoceramus
(Vol)	Volcanic	Sc:	Siderite Concretions	Sk:	Skeletal Fragments
" silty		Gp:	Gypsum	Lf:	Lithic Fragments
.... sandy					
—— argillaceous		He:	Hematite		

Rock Classification

Quartz Sand (A): A, AT, AS, TA, ATS, SA, T, TS, ST, S — Quartz Silt (T), (S) Clay; 80-20, 50-50, 20-80

Calcareous (C): C, CA, CS, AC, CSA, SC, A, AS, SA, S — Quartz (A), (S) Clay; 80-20, 50-50, 20-80

Fracture: F: Fissile; SF: Sub Fissile; M: Massive; Sp: Splintery; St: Sticky; Amorphous; Angular; Blocky; Sub Blocky; Conchoidal; Dispersive

Rounding: A: Angular; SA: Subangular; SR: Subrounded; R: Rounded; WR: Well Rounded

Sorting: VP: Very Poor; P: Poor; M: Moderate; W: Well; VW: Very Well

Sphericity: VE: Very Elongated; E: Elongated; SE: Slightly Elongated; SS: Slightly Spherical; S: Spherical; VS: Very Spherical

Cement: Q: Silica; C: Calcite; D: Dolomite; P: Pyrite; Sd: Siderite

Porosity: g: intergranular; v: vugular; i: intraskeletal; f: fracture

Colour: wh = white; gy = grey; blk = black; red = red; pk = pink; pu = purple; brn = brown; yel = yellow; gn = green; olv = olive; blu = blue; orng = orange; cl = colourless; mult = multicolour; trans = translucent; lt = light; dk = dark; med = medium; vgt = variegated

Wellsite Lithology Log

Please have your Office Assistant switched on while using this template. (Press F1)

Please Note: TRACE =0.1 due to database requirements

Depth	Lithology	Colour	Grains Calcareous Clay/Silt/Sand (%)	Siliciclastic Clay/Silt/Sand (%)	Total	Grain size VF/F/M/C/VC/Gr (%)	Total	Rounding/Sorting/Sphericity	Cements	Accessories	Porosity	HC Shows	Longhand Description	Auto Description (Read and copy only)
			60 / 0.1 /	40	100		0						Argillaceous Calcisiltite, light-medium grey, occasionally off white, soft to firm, sub-blocky to amorphous, 60% calcareous clay, trace calcareous silt, 40% siliceous clay, grading to Calcilutite in minor part. SAMPLES DESCRIBED BY D. THORNTON AT CORE LABORATORIES LIBRARY IN PERTH 24-26th June 2002).	
			60 / 0.1 /	40	100		0						Argillaceous Calcilutite: as above.	Argillaceous Calcisiltite, lt-med gy, occ off wh, soft, to firm, sub-blocky,to amorphous, 60% calcareous clay, 0.1% calcareous silt, 40% siliceous clay, .
			60 / 0.1 /	40	100		0			Fo 0.1			Argillaceous Calcilutite: as above, trace forams.	Argillaceous Calcisiltite, lt-med gy, occ off wh, soft, to firm, sub-blocky,to amorphous, 60% calcareous clay, 0.1% calcareous silt, 40% siliceous clay, 0.1% foraminifera, .
			60 / 0.1 /	40	100		0			Py 0.1			Argillaceous Calcilutite: as above, trace dissem pyrite.	Argillaceous Calcisiltite, lt-med gy, occ off wh, soft, to firm, sub-blocky,to amorphous, 60% calcareous clay, 0.1% calcareous silt, 40% siliceous clay, 0.1% pyrite, .
			60 / 0.1 /	40	100		0						Argillaceous Calcilutite: as above.	Argillaceous Calcisiltite, lt-med gy, occ off wh, soft, to firm, sub-blocky,to amorphous, 60% calcareous clay, 0.1% calcareous silt, 40% siliceous clay, .
			60 / 0.1 /	40	100		0						Argillaceous Calcilutite: as above.	Argillaceous Calcisiltite, lt-med gy, occ off wh, soft, to firm, sub-blocky,to amorphous, 60% calcareous clay, 0.1% calcareous silt, 40% siliceous clay, .
			/ 0.1 / 70	30	100		0		C 2.0	Sk 0.1			Argillaceous Calcarenite, light-med brown grey, firm to moderately hard, blocky, 0.1% calcareous silt, 70% calcareous sand, 30% siliceous clay, 2% calcite cement, 0.1% skeletal fragments.	Argillaceous Calcarenite, lt-med brn gy, firm, to moderately hard, blocky, 0.1% calcareous silt, 70% calcareous sand, 30% siliceous clay, 2% calcite cement, 0.1% skeletal fragments, .
	Ca	lt-med brn gy	/ 0.1 / 70	30	100		0		C 2.0	Sk 0.1			Argillaceous Calcarenite: as above.	Argillaceous Calcarenite, lt-med brn gy, firm, to moderately hard, blocky, 0.1% calcareous silt, 70% calcareous sand, 30% siliceous clay, 2% calcite cement, 0.1% skeletal fragments, .
680	Ct	lt-med gy, occ off wh	60 / 0.1 /	40	100		0						Argillaceous Calcilutite: as above.	Argillaceous Calcisiltite, lt-med gy, occ off wh, soft, to firm, sub-blocky,to amorphous, 60% calcareous clay, 0.1% calcareous silt, 40% siliceous clay, .
	Ca	lt-med brn gy	/ 0.1 / 70	30	100		0		C 2.0	Sk 0.1			Argillaceous Calcarenite: as above.	Argillaceous Calcarenite, lt-med brn gy, firm, to moderately hard, blocky, 0.1% calcareous silt, 70% calcareous sand, 30% siliceous clay, 2% calcite cement, 0.1% skeletal fragments, .
690	Ct	lt-med gy, occ off wh	60 / 0.1 /	40	100		0						Argillaceous Calcilutite: as above.	Argillaceous Calcisiltite, lt-med gy, occ off wh, soft, to firm, sub-blocky,to amorphous, 60% calcareous clay, 0.1% calcareous silt, 40% siliceous clay, .
700	Ct	lt-med gy, occ off wh	60 / 0.1 /	40	100		0						Argillaceous Calcilutite: as above.	Argillaceous Calcisiltite, lt-med gy, occ off wh, soft, to firm, sub-blocky,to amorphous, 60% calcareous clay, 0.1% calcareous silt, 40% siliceous clay, .
710	Ct	lt-med gy, occ off wh	60 / 0.1 /	40	100		0						Argillaceous Calcilutite: as above.	Argillaceous Calcisiltite, lt-med gy, occ off wh, soft, to firm, sub-blocky,to amorphous, 60% calcareous clay, 0.1% calcareous silt, 40% siliceous clay, .
720	Clyst	lt-med gy	40 / /	60	100		0						Claystone, light-medium grey, soft to firm, blocky to amorphous, 40% calcareous clay, 60% siliceous clay.	Argillaceous Claystone, lt-med gy, soft, to firm, blocky, to amorphous, 40% calcareous clay, 60% siliceous clay, .
730	Sst	red-brn, yel brn		100	100	5 / 35 / 45 / 15	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone, red-brown, yellow brown, friable to loose, massive, subrounded to angular, poorly sorted to very poorly sorted, slightly spherical to slightly elongated, 100% siliceous clay, 5% fine grained, 35% medium grained, 45% coarse grained, 15% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.	Sandstone, red-brn, yel brn, friable, to loose, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 100% siliceous sand, 5% fine grained, 35% medium grained, 45% coarse grained, 15% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
740	Sst	red-brn, yel brn		100	100	5 / 35 / 45 / 15	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	Sandstone, red-brn, yel brn, friable, to loose, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 100% siliceous sand, 5% fine grained, 35% medium grained, 45% coarse grained, 15% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
750	Sst	red-brn, yel brn		100	100	5 / 35 / 45 / 15	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	Sandstone, red-brn, yel brn, friable, to loose, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 100% siliceous sand, 5% fine grained, 35% medium grained, 45% coarse grained, 15% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
760	Sst	red-brn, yel brn		100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above, 10% fine, 45% medium, 35% coarse, 10% very coarse.	Sandstone, red-brn, yel brn, friable, to loose, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 100% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
770	Sst	red-brn, yel brn		100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	Sandstone, red-brn, yel brn, friable, to loose, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 100% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
780	Sst	red-brn, yel brn		100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	Sandstone, red-brn, yel brn, friable, to loose, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 100% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
790	Sst	red-brn, yel brn		100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	Sandstone, red-brn, yel brn, friable, to loose, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 100% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
800	Sst	red-brn, yel brn		100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	Sandstone, red-brn, yel brn, friable, to loose, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 100% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
810	Sst	red-brn, yel brn		100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	Sandstone, red-brn, yel brn, friable, to loose, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 100% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
820	Sst	red-brn, yel brn		100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	Sandstone, red-brn, yel brn, friable, to loose, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 100% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
830	Sst	red-brn, yel brn		100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	Sandstone, red-brn, yel brn, friable, to loose, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 100% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
840	Sst	red-brn, yel brn		100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	Sandstone, red-brn, yel brn, friable, to moderately hard, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 100% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
850	Sst	red-brn, yel brn, med gy.	10	90	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above, 10% argillaceous.	Sandstone, red-brn, yel brn, med gy., friable, to moderately hard, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 10% siliceous clay, 90% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
860	Sst	red-brn, yel brn, med gy.	5	95	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above, 5% argillaceous.	Sandstone, red-brn, yel brn, med gy., friable, to moderately hard, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 5% siliceous clay, 95% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
870	Sst	red-brn, yel brn, med gy.	0.1	100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above, trace argillaceous.	Sandstone, red-brn, yel brn, med gy., friable, to moderately hard, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 0.1% siliceous clay, 100% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
880	Sst	red-brn, yel brn, med gy.	0.1	100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	Sandstone, red-brn, yel brn, med gy., friable, to moderately hard, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 0.1% siliceous clay, 100% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
890	Sst	yel-orng, yel brn, lt-med gy, trans.	0.1	100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above, yellow orange, yellow brown, light to medium grey, translucent.	Sandstone, yel-orng, yel brn, lt-med gy, trans., friable, to moderately hard, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 0.1% siliceous clay, 100% siliceous sand, 10% fine grained, 45% medium grained, 35% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
900	Sst	yel-orng, yel brn, lt-med gy, trans.	0.1	100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	(as 890)
910	Sst	yel-orng, yel brn, lt-med gy, trans.	0.1	100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	(as 890)
920	Sst	yel-orng, yel brn, lt-med gy, trans.	0.1	100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	(as 890)
930	Sst	yel-orng, yel brn, lt-med gy, trans.	0.1	100	100	10 / 45 / 35 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	(as 890)
940	Sst	lt yel-brn, trans.	0.1	100	100	20 / 40 / 30 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone, light yellow-brown, translucent, friable to moderately hard, massive, subrounded to angular, poorly sorted to very poorly sorted, slightly spherical to slightly elongated, 0.1% siliceous clay, 100% siliceous sand, 20% fine grained, 40% medium grained, 30% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.	Sandstone, lt yel-brn, trans., friable, to moderately hard, massive,subrounded, to angular, poorly sorted, to very poorly sorted, slightly spherical, to slightly elongated, 0.1% siliceous clay, 100% siliceous sand, 20% fine grained, 40% medium grained, 30% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.
950	Sst	lt yel-brn, trans.	0.1	100	100	20 / 40 / 30 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	(as 940)
960	Sst	lt yel-brn, trans, lt gry-brn.	0.1	100	100	20 / 40 / 30 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above, also light grey brown.	
970	Sst	lt yel-brn, trans, lt gry-brn.	10	90	100	35 / 30 / 25 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone, light yellow-brown, translucent, light grey-brown, friable to moderately hard, massive,subrounded to angular, poorly sorted to very poorly sorted, slightly spherical to slightly elongated, 10% siliceous clay, 90% siliceous sand, 35% fine grained, 30% medium grained, 25% coarse grained, 10% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.	
980	Sst	lt yel-brn, trans, lt gry-brn.	10	90	100	35 / 30 / 25 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	
990	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 30 / 25 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above, 5% argillaceous, 5% silty.	
1000	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 30 / 25 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	
1010	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 30 / 25 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	
1020	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 30 / 25 / 10	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	
1030	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 45 / 15 / 5	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone, light yellow-brown, translucent, light grey-brown, friable to moderately hard, massive, subrounded to angular, poorly sorted to very poorly sorted, slightly spherical to slightly elongated, 5% siliceous clay, 5% siliceous silt, 90% siliceous sand, 35% fine grained, 45% medium grained, 15% coarse grained, 5% very coarse grained, 10% silica cement, 0.1% pyrite cement, 0.1% glauconite, 10 % porosity.	
1040	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 45 / 15 / 5	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	
1050	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 45 / 15 / 5	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	
1060	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 45 / 15 / 5	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	
1070	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 45 / 15 / 5	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	
	Sltst	med gy-olv blk	30 / 70		100		0	S St A 0.1		C 0.1 Py 0.1			Argillaceous Siltstone, medium grey-olive black, soft, sticky to amorphous, trace calcareous, 30% siliceous clay, 70% siliceous silt, 0.1% coal, 0.1% pyrite.	Argillaceous Siltstone, med gy-olv blk, soft, sticky, to amorphous, 0.1% calcareous clay, 30% siliceous clay, 70% siliceous silt, 0.1% coal,0.1% pyrite, .
1080	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 45 / 15 / 5	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	
	Sltst	med gy-olv blk	30 / 70		100		0			C 0.1 Py 0.1			Argillaceous Siltstone: as above.	
1090													NO SAMPLE - LOST AT SHAKERS.	
1100	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 45 / 15 / 5	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	
	Sltst	med gy-olv blk	30 / 70		100		0			C 0.1 Py 0.1			Argillaceous Siltstone: as above.	
1110	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 45 / 15 / 5	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	
	Sltst	med gy-olv blk	30 / 70		100		0			C 0.1 Py 0.1			Argillaceous Siltstone: as above.	
1120	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 45 / 15 / 5	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n	Sandstone: as above.	
	Sltst	med gy-olv blk	30 / 70		100		0			C 0.1 Py 0.1			Argillaceous Siltstone: as above.	
1130	Sst	lt yel-brn, trans, lt gry-brn.	5 / 5	90	100	35 / 45 / 15 / 5	100	SR A P VP SS SE	Q 10.0 P 0.1	G 0.1	g 10	n		