

Thylacine 1			
CST Descriptions			
Core No.	Depth mRT	Rec (mm)	Description
1	2703	0	
2	2696	16	Argillaceous Sandstone , light grey, friable, very fine to medium, predominantly fine grained quartz, massive, subangular to subrounded, moderately sorted, slightly spherical, abundant clay matrix, minor silt, trace calcite cement, trace mica, trace chlorite, 5% visible porosity, no shows.
3	2668	20	Argillaceous Siltstone , grey, firm, sub-fissile to fissile, common carbonaceous material, thinly laminated, no visible porosity.
4	2651	0	
5	2636	17	Argillaceous Sandstone , light grey to grey, friable, massive, very fine to fine grained clear quartz, subangular to subrounded, moderately sorted, slightly spherical, 30% clay matrix, abundant silt matrix in part, common argillaceous siltstone laminae, trace calcite cement, trace carbonaceous material, trace mica, trace chlorite, trace pyrite, 4% visible porosity, no shows.
6	2628	29	Sandstone , light grey, friable, massive, very fine to medium grained predominantly fine grained clear quartz, subangular to subrounded, moderately sorted, slightly spherical, trace calcite cement, common fine grained feldspar, minor carbonaceous material, trace chlorite, trace pyrite, 8% visible porosity, no shows.
7	2621	16	Siltstone , grey, moderately hard, sub-fissile, common clay, minor very fine sand, minor carbonaceous material.
8	2616	0	
9	2611	22	Argillaceous Sandstone , light grey, friable, massive, very fine to fine grained clear quartz, subangular to subrounded, moderately sorted, slightly spherical, 15% clay, 30% silt laminae, very fine to fine grained, trace calcite cement, 10% coal, 5% feldspar, trace chlorite, 2% porosity, no shows.
10	2597	18	Argillaceous Siltstone , grey, firm, sub-blocky, abundant clay, common carbonaceous material.
11	2590	23	Argillaceous Sandstone , light grey, friable, massive, very fine to medium grained clear quartz, subangular to subrounded, moderately sorted, slightly spherical, abundant clay matrix, abundant silt, common feldspar grains, minor chlorite, 3% visible porosity, no shows.
12	2575	21	Sandstone , light grey, friable, massive, very fine to predominantly fine grained clear quartz, well sorted, slightly spherical, minor clay matrix, minor siltstone laminae, trace calcite cement, trace carbonaceous material, trace chlorite, 10% visible porosity, no shows.
13	2571	15	Argillaceous Sandstone , grey, friable, massive, very fine to fine grained predominantly very fine clear quartz, subangular, poorly sorted, slightly spherical, 30% clay, 15% silt, 70% very fine grained, 30% fine grained, thinly laminated, trace calcite, minor shows carbonaceous material, trace chlorite, trace feldspar, 2% visible porosity,
14	2552	21	Argillaceous Sandstone , light grey, friable, massive, very fine to predominantly fine grained clear quartz, subangular to subrounded, moderately sorted, slightly spherical, common silt matrix, laminated, trace calcite cement, trace carbonaceous matter, trace chlorite, trace mica, 2% visible porosity, no shows
15	2538	0	
16	2538	0	

Core No.	Depth mRT	Rec (mm)	Description
17	2502	18	Argillaceous Sandstone , grey, friable, massive, very fine to fine predominantly very fine grained clear quartz, subangular to subrounded, moderately sorted, slightly spherical, abundant clay matrix, minor silt matrix, minor silt laminae, minor carbonaceous material, trace chlorite, trace mica, trace visible porosity, no shows.
18	2471	15	Argillaceous Sandstone , light grey, friable to moderately hard, massive, very fine to fine grained clear quartz, subangular to subrounded, moderately sorted, slightly spherical, common silt laminae, trace silica cement, trace carbonaceous material, trace pyrite, trace chlorite, trace mica, no visible porosity, no shows.
19	2449	22	Siltstone , dark grey, friable, sub-fissile, trace to common very fine grained subangular quartz sand, common clay matrix, minor carbonaceous material, thinly laminated, no visible porosity, no shows.
20	2438	24	Sandstone , white, soft, fine to medium grained clear quartz, subangular to subrounded, moderately sorted, slightly spherical, minor clay matrix, trace coal, trace mica, 12% visible porosity, dull even pale blue fluorescence, slow weak pale blue crush cut (mud glycol?).
21	2429	28	
22	2426	21	Argillaceous Siltstone , dark grey, firm, sub-blocky, common carbonaceous material, trace pyrite, no shows.
23	2417	19	Sandstone , light grey, very soft, very fine to medium grained, minor coarse grained clear quartz, subangular to subrounded, moderately sorted, slightly spherical, trace clay matrix, trace pyrite cement, trace disseminated pyrite, trace coal, 12% visible porosity, fluorescence and cut as for 2437.5m (mud glycol?).
24	2411	0	Argillaceous Siltstone , dark grey, firm, sub-blocky, 30% siliceous clay, 70% siliceous silt, 6% coal.
25	2398	19	Argillaceous Siltstone , dark grey, firm, sub-blocky, common carbonaceous material, trace 1mm thick white streaks of very fine quartz sand, trace pyrite, no shows.
26	2384	20	Argillaceous Siltstone , dark grey, firm, sub-blocky, common carbonaceous material, minor 1-2mm thick white streaks of very fine quartz sand, trace pyrite, no shows.
27	2356	20	Sandstone , white, very soft, very fine to medium grained clear quartz, subangular to subrounded, slightly spherical, trace clay matrix, trace pyrite cement, minor dark grey carbonaceous laminae with minor pyrite, 10% visible porosity, hydrocarbon show as above (mud glycol?).
28	2335	12	Argillaceous Siltstone , dark grey, firm, sub-blocky, common carbonaceous material, minor 1 to 2mm thick white streaks of very fine quartz sand, trace pyrite, no shows.
29	2324	15	Sandstone , very light grey, soft, very fine to fine grained clear quartz, subangular to subrounded, slightly spherical, minor clay and silt matrix, trace carbonaceous matter, trace pyrite, 5% visible porosity, no shows.
30	2311	21	Sandstone , light grey, soft, very fine to fine grained clear quartz, subangular to subrounded, slightly spherical, common silt matrix, minor clay matrix, minor dark grey carbonaceous silt streaks, 2% visible porosity, no shows.
31	2306	25	Sandstone , white, very soft, very fine to medium grained predominantly medium grained clear quartz, subangular to subrounded, slightly spherical, trace clay matrix, trace disseminated pyrite, 15% visible porosity, no shows.
32	2295	18	Siltstone , grey, firm, to moderately hard, sub-blocky, subangular, slightly spherical, common clay matrix, common very fine grained quartz sand streaks, trace carbonaceous material, trace pyrite, no visible porosity, no shows.

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33	2283	18	Argillaceous Sandstone , light grey, soft to firm, sub-blocky, very fine grained to fine grained predominantly very fine quartz, subangular to subrounded, slightly spherical, common silt matrix and minor silt laminae, common carbonaceous material, trace pyrite, no visible porosity, no shows.
34	2277	11	Sandstone , light grey, very soft, very fine to medium predominantly fine to medium grained clear quartz, subangular to subrounded, slightly spherical, trace clay matrix, trace coal, trace pyrite, 15% visible porosity, no shows.
35	2273	17	Siltstone , dark grey, firm, to moderately hard, sub-blocky, abundant disseminated very fine subangular quartz sand, common clay matrix, minor carbonaceous material, trace pyrite, no visible porosity, no shows.
36	2259	18	Argillaceous Sandstone , grey, firm to friable, sub-blocky, very fine to predominantly fine grained subangular to subrounded poorly sorted slightly spherical quartz, common silt matrix, minor carbonaceous material, trace pyrite, no visible porosity, no shows.
37	2256	20	Sandstone , light grey, soft, to friable, sub-blocky, very fine to predominantly fine grained subangular to subrounded moderately sorted slightly spherical quartz, trace to minor silt and clay matrices, poorly laminated, minor pyrite, minor coal, 8% visible porosity, no shows.
38	2247	19	Argillaceous Siltstone , dark grey, firm, to moderately hard, sub-blocky, common disseminated very fine grained subangular, slightly spherical quartz sand, trace coal, trace pyrite, no visible porosity, no shows.
39	2229	20	Sandstone , light grey, friable, very fine to predominantly fine grained subangular to subrounded moderately sorted, slightly spherical quartz, trace clay and silt matrix, trace coal, trace pyrite, 5% visible porosity, no shows.
40	2224	26	60% Argillaceous Sandstone , green grey, firm, sub-blocky, fine to coarse grained, predominantly fine grained quartz, subangular to subrounded, poorly sorted, slightly spherical, common silt matrix, common glauconite, trace coal, trace pyrite, no visible porosity, no shows. 40% siltstone : dark grey, firm, sub-blocky, abundant clay matrix, minor carbonaceous material, trace pyrite, no visible porosity, no shows.
41	2209	20	Argillaceous Sandstone , green grey, moderately hard, sub-blocky, very fine to fine grained minor medium grained, subangular, poorly sorted, slightly spherical quartz, abundant silt matrix, minor silica cement, common glauconite, trace coal, trace pyrite, no visible porosity, no shows.
42	2160	18	Argillaceous Sandstone , light grey to grey, firm to friable, sub-blocky, very fine to predominantly fine grained subangular to subrounded moderately sorted slightly spherical quartz, common silt matrix and laminae, trace carbonaceous material, trace pyrite, no visible porosity, no shows.
43	2147	20	Sandstone , very light green grey, friable, sub-blocky, very fine to medium grained subangular to subrounded moderately sorted slightly spherical quartz, common clay matrix, trace glauconite, trace feldspar, trace pyrite, 5% visible porosity, no shows.
44	2141	17	Argillaceous Sandstone , very light grey, friable, sub-blocky, very fine to fine grained subangular to subrounded moderately sorted slightly spherical quartz, poorly laminated, trace glauconite, trace feldspar, 2% visible porosity, no shows.
45	2131.5	18	Argillaceous Siltstone , grey, moderately hard, sub-blocky, minor disseminated very fine subangular to subrounded quartz sand, trace carbonaceous material, trace mica, trace pyrite, trace glauconite, no visible porosity, no shows.
46	2127	0	
47	2115	21	Argillaceous Siltstone , grey, firm, sub-blocky, trace disseminated very fine subangular quartz sand, trace carbonaceous material, trace mica, trace feldspar, no visible porosity, no shows.

Core No.	Depth mRT	Rec (mm)	Description
48	2105	25	Argillaceous Sandstone , green grey to light grey, friable to moderately hard, sub-blocky, very fine to fine grained subangular to subrounded, quartz, common silt, minor pyrite cement, trace silica cement, trace disseminated pyrite, trace feldspar, trace glauconite, trace mica, no visible porosity, no shows.
49	2090	20	Argillaceous Siltstone , green grey, moderately hard, sub-blocky, minor disseminated very fine to fine grained subangular to subrounded quartz, trace pyrite, trace coal, trace mica, no visible porosity, no shows.
50	2076	19	Argillaceous Siltstone , grey, firm to moderately hard, sub-blocky, abundant very fine to fine subangular to subrounded quartz, trace mica, trace carbonaceous material, trace feldspar, trace glauconite, trace pyrite, no visible porosity, no shows.
51	2061	13	Argillaceous Sandstone , grey, firm to moderately hard, very fine grained subangular to subrounded poorly sorted quartz, abundant silt matrix, trace mica, trace carbonaceous material, trace feldspar, trace glauconite, trace pyrite, no visible porosity, no shows.
52	2058	19	Sandstone , light grey, friable, very fine to predominantly fine grained subangular to subrounded moderately sorted quartz, minor clay matrix, trace silt matrix trace mica, trace feldspar, trace glauconite, trace pyrite, 5% visible porosity, no shows.
53	2044	20	Siltstone , dark grey, moderately hard, abundant clay matrix, common mica, trace pyrite, no visible porosity, no shows.
54	2040	21	Siltstone , dark grey, firm, sub-fissile, abundant clay matrix, common mica, trace pyrite, no visible porosity, no shows.
55	2027	24	Argillaceous Siltstone , dark green grey, firm to moderately hard, sub-fissile, abundant mica, trace pyrite, no visible porosity, no shows.
56	1988	23	Argillaceous Siltstone , as above
57	1972	20	Claystone , dark green grey, firm, sub-fissile, abundant silt, common mica, trace pyrite.
58	1931	22	Claystone , dark green grey, firm, sub-fissile, abundant silt, common mica, trace pyrite.
59	1902	0	
60	1867	20	Claystone , dark green grey, firm, sub-fissile, abundant silt, common mica, trace pyrite.