

Lithostratigraphic Studies of Upper Cretaceous Formations
Encountered in C. P. O. G. Strathmore Well

Logged by C. J. Havard

<u>Feet</u>	
599 - 602	Sandstone; green-grey, fine-medium grained, subangular grains, argillaceous blebs and stringers, convolute bedding.
602 - 605	Siltstone; green-brown, sandstone blebs and stringers, convolute bedding, carbonaceous fragments.
605 - 620	Sandstone; green-grey to brown-grey, very fine- to fine-grained, silty interbeds, argillaceous stringers, occasional interbed of soft, grey-brown, bentonitic shale, bedding wavy to horizontal, carbonaceous partings and stringers.
620 - 662	Mudstone; grey-brown to greenish-grey, interbedded silty horizons, calcareous patches, interbeds of fine-grained sandstone, carbonaceous fragments.
662 - 671	Sandstone; green-grey to brown-grey, fine-grained, mudstone pebbles and laminations, siltstone and carbonaceous stringers and laminations.
671 - 673	Siltstone; brown-grey, abundant carbonaceous fragments and laminations.
673 - 677	Sandstone; light brown-grey, very fine- to fine-grained, mudstone interbed, siltstone interbeds near base, carbonaceous fragments.
677 - 681	Mudstone; green-grey, siltstone interbed, carbonaceous fragments.
681 - 692	Sandstone; grey, fine- to medium-grained, argillaceous and carbonaceous laminations near top, disturbed bedding, ironstone nodule at 682', siltstone pebbles at 689'.
692 - 697	Mudstone; olive green, bone fragment at base.
697 - 700	Sandstone; grey, fine-grained, light brown siltstone interbeds.
700 - 705	Siltstone; green-grey, argillaceous near top of unit, very fine sandstone at bottom of unit, minor coaly lenses.
705 - 708	Sandstone; grey, fine-grained, calcareous blebs, yellow-brown argillaceous pebbles and interbeds, convolute bedding, occasional crossbeds, bentonitic streaks, carbonaceous partings.
708 - 713	Mudstone; yellow-brown, silty interbeds.
713 - 718	Sandstone, grey, very fine-grained, blebs and lenses of brown mudstone and bentonite, occasional carbonaceous partings.
718 - 721	Siltstone; dark brown-grey, interbed of coal, soft argillaceous horizon above coal, abundant carbonaceous fragments.
721 - 730	Sandstone; grey, fine- to medium-grained, siltstone pebbles and lenses, occasional carbonaceous partings, shell material at 727'.

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GEOLOGICAL SURVEY,
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<u>Feet</u>	
730 - 739	Mudstone; green-grey, fine-grained grey sandstone interbedded with siltstone at 734'.
739 - 751	Sandstone; grey to brown, very fine- to medium-grained, interbedded and interlensed siltstone and mudstone, calcareous blebs and patches, convolute bedding, crossbedding, carbonaceous fragments and partings.
751 - 773	Mudstone; green-grey to green-brown, horizons of grey to brown sandstone interbedded and interlensed with siltstone, coaly horizon at 759', carbonaceous fragments.
773 - 778	Sandstone; grey to brown, very fine- to medium-grained, interlensed with brown siltstone, occasionally calcareous, ironstone nodules near base, abundant carbonaceous partings and blebs of resin.
778 - 781	Coal; dark brown-grey.
781 - 808	Mudstone; grey to brown, very dark in places, coaly partings and lenses; interbeds of soft argillaceous material, siltstone, and very fine- to fine-grained sandstone; carbonaceous fragments, layers, and partings; occasional cross-bedding, ironstone nodules.
808 - 812	Coal; black, interbed of bentonitic siltstone.
812 - 829	Mudstone; brown to grey, beds and lenses of siltstone and very fine- to fine-grained sandstone, convolute bedding, some crossbedding, carbonaceous fragments.
829 - 838	Sandstone; grey, very fine- to fine-grained, beds and lenses of brown-grey mudstones and siltstones, layers of mudstone and siltstone pebbles, coaly lenses near top.
838 - 843	Mudstone; brown-grey, interbedded with siltstone and very fine- to fine-grained sandstone, carbonaceous partings.
843 - 852	Siltstone; grey to brown, interbedded and interlensed sandstone and mudstone, convolute bedding, carbonaceous partings and lenses.
852 - 854	Sandstone; green-grey to brown, fine-grained, silty, bentonitic, carbonaceous partings.
854 - 860	Shale; brown- to dark-grey, soft, bentonitic, very carbonaceous.
860 - 867	Mudstone; brown-grey, sandstone bed at top, sandstone lenses throughout, carbonaceous partings and fragments.
867 - 873	Siltstone; grey to brown, interlensed and interbedded sandstone and mudstone, carbonaceous fragments.
873 - 878	Shale; grey to black, coaly partings, abundant resin blebs, carbonaceous plant fragments, very bentonitic.
878 - 884	Sandstone; grey, mudstone lenses, bentonitic.
884 - 887	Mudstone; dark grey, coaly partings and large carbonaceous fragments.

Feet

887 - 891	Siltstone; brown-grey, mudstone interbeds, large carbonaceous fragments.
891 - 916	Mudstone; green- to brown-grey; argillaceous, silty, and sandy interbeds; bentonitic, abundant carbonaceous fragments.
916 - 918	Sandstone; grey, very fine- to fine-grained, lenses and interbeds of siltstone and ironstone, convolute bedding.
918 - 922	Mudstone; grey to brown-grey, abundant carbonaceous fragments, interbedded sandstone and siltstone.
922 - 924	Siltstone; grey-brown, abundant carbonaceous fragments, more argillaceous and darker in color at base.
924 - 930	Mudstone; medium grey, slightly bentonitic.
930 - 933	Shale; grey-brown, coaly partings at top.
933 - 945	Mudstone; grey to brown, interlensed and interbedded with siltstones, convolute bedding, dark brown-grey siltstone at base with coal, resin, and pyrite.
945 - 956	Sandstone; grey to brown, very fine- to medium-grained, very argillaceous at 952'; lenses of siltstone, ironstone, and coal.
956 - 966	Mudstone; brown- to green-grey, very dark with coaly partings in upper part.
966 - 968	Sandstone; grey, very fine- to fine-grained, finely interbedded bentonitic siltstone and mudstone, ironstone lenses at base.
968 - 970	Coal; interbedded with carbonaceous shale.
970 - 980	Siltstone; grey to dark brownish-grey, argillaceous stringers, convolute bedding.
980 - 983	Sandstone; light grey, fine-grained, patches of ironstone cementation.
983 - 1,002	Mudstone; green- to grey-brown, ironstone beds and lenses, fine-grained ironstone-cemented sandstone at 985', coaly interval at 995'.
1,002 - 1,018	Siltstone; grey, argillaceous and sandy interbeds increasing in abundance towards base, carbonaceous streaks, extensive calcite veining at 1,014', very bentonitic and carbonaceous at base.
1,018 - 1,027	Mudstone; green- to brown-grey, light grey bentonitic interbeds near top, bentonitic siltstone at 1,020'.
1,027 - 1,032	Sandstone; light grey, very fine- to fine-grained, argillaceous and silty interbeds, bands of carbonaceous partings and coaly lenses, argillaceous pebbles at base of sandstone.
1,032 - 1,040	Mudstone; brown-grey with small white flecks throughout, bentonitic blebs.

Feet

1,040 - 1,047	Sandstone; grey, very fine- to fine-grained, interlensed and finely laminated with siltstone and mudstone, mudstone pebbles abundant, yellow-brown silty ironstone band at base.
1,047 - 1,065	Mudstone; green- to brown-grey, interbeds of siltstones and bentonites, convolute bedding, argillaceous pebbles, ironstone nodules.
1,065 - 1,072	Sandstone; light grey, very fine-grained, mudstone bands near top, bentonitic lenses.
1,072 - 1,088	Mudstone; green-grey, occasional interbed of bentonitic siltstone.
1,088 - 1,095	Siltstone; grey-green to yellow-brown at base, silty fine-grained sandstone at top, argillaceous interbeds, ironstone band at base.
1,095 - 1,104	Sandstone; light grey, fine- to medium-grained, carbonaceous bands.
1,104 - 1,138	Mudstone; brown-grey, green-grey, and grey; interbeds and lenses of siltstone and fine-grained sandstone, convolute bedding, blebs of ironstone and resin, coal lenses, low grade coal in upper portion.
1,138 - 1,159	Sandstone; light grey, very fine- to fine-grained, siltstone bed near top, mudstone bed near base, interbedded siltstones and mudstones, ironstone bands and nodules, layers of mudstone pebbles, calcareous in places, carbonaceous streaks and partings, cross-bedding in places.
1,159 - 1,161	Coal; black.
1,161 - 1,185	Mudstone; green- to brown-grey, small coal lenses, abundant bentonitic siltstone interbeds, convolute bedding, ironstone nodules.
1,185 - 1,186	Coal; black; interbedded with carbonaceous shale.
1,186 - 1,190	Mudstone; dark brown-grey to grey, very carbonaceous with coal lenses in upper part, ironstone nodules.
1,190 - 1,198	Sandstone; light grey, very fine- to fine-grained, coaly and carbonaceous bands in varying proportions, bedding generally horizontal but convolute in places, ironstone lenses.
1,198 - 1,200	Mudstone; grey, bentonitic silty lenses.
1,200 - 1,204	Coal; dark brown-grey to black, very carbonaceous shale at top.
1,204 - 1,216	Mudstone; green- to brown-grey, occasional ironstone band, bentonitic siltstone lenses, more argillaceous at base.
1,216 - 1,219	Coal; black.
1,219 - 1,237	Mudstone; brown to green-grey to grey; light coloured bentonitic interbeds, silty interbeds, and coaly lenses; both horizontal and contorted bedding.
1,237 - 1,243	Sandstone; light grey, fine-grained.
1,243 - 1,262	Mudstone; grey- to green-brown, carbonaceous shale with coaly streaks at top and in middle of unit.

Feet

1, 262 - 1, 266	Siltstone; light grey with medium grey banding, bedding almost horizontal, contorted bedding at base of unit.
1, 266 - 1, 273	Sandstone; grey, very fine- to fine-grained, argillaceous banding, coarser-grained at base, coal lenses.
1, 273 - 1, 275	Coal; black.
1, 275 - 1, 291	Mudstone; medium grey to green-grey, very carbonaceous, lenses of siltstone.
1, 291 - 1, 293	Coal; dark brown-grey to black, very carbonaceous shale at top.
1, 293 - 1, 300	Mudstone; brown- to green-grey, coal lenses, ironstone lenses, bentonitic horizons.
1, 300 - 1, 307	Coal; black.
1, 307 - 1, 312	Mudstone; brown to grey, lenses of bentonitic siltstone and fine-grained sandstone.
1, 312 - 1, 322	Siltstone; light to medium grey, fine interbeds of mudstone, carbonaceous partings, some ironstone cementation.
1, 322 - 1, 328	Sandstone; light grey, very fine- to fine-grained, argillaceous and silty lenses, mudstone bed at 1, 324'.
1, 328 - 1, 333	Mudstone; brown-grey, fine horizontal beds of bentonitic siltstone.
1, 333 - 1, 334	Coal; black.
1, 334 - 1, 336	Mudstone; dark brown-grey, coaly streaks, ironstone nodules.
1, 336 - 1, 344	Sandstone; light to medium grey, fine-grained, mudstone interbeds, both horizontal and convolute bedding, ironstone nodules.
1, 344 - 1, 347	Coal; black, very carbonaceous shale abundant.
1, 347 - 1, 351	Mudstone; brown-grey.
1, 351 - 1, 353	Coal; black.
1, 353 - 1, 356	Mudstone; brown-grey, interbeds of light grey, bentonitic siltstone.
1, 356 - 1, 358	Sandstone; light grey to black, very fine- to medium-grained, carbonaceous partings, fine bentonitic laminations.
1, 358 - 1, 360	Coal; dark grey to black, carbonaceous shale at top, very carbonaceous sandstone below.
1, 360 - 1, 387	Sandstone; light grey, fine-grained, occasional interbed of grey shale, occasional carbonaceous parting.
1, 387 - 1, 398	Siltstone; light grey to brown-grey, abundant mudstone interbeds, ironstone bands.

Feet

1,398 - 1,407	Sandstone; light grey, very fine-grained.
1,407 - 1,440	Mudstone; light to dark grey, fine interbeds of bentonitic siltstone.
1,440 - 1,467	Shale; medium greenish-grey, occasional fine bands of mudstone, fissile, shell fragments, silty at base.
1,467 - 1,488	Sandstone; light grey with dark grey banding; very fine- to medium-grained, abundant yellow-brown lenses and bands of ironstone, largely horizontal bedding, interbeds of siltstone and mudstone.
1,488 - 1,527	Shale; medium grey, occasional silty interbeds, very carbonaceous shale in upper portion, very fissile at base.
1,527 - 1,530	Sandstone; medium grey, fine-grained, interbedded with mudstone, calcareous in places.
1,530 - 1,544	Shale; medium grey, sandstone pebbles at top, fine silty laminations in lower part.
1,544 - 1,546	Sandstone; light grey, fine-grained, dark coloured argillaceous bands, horizontal bedding.
1,546 - 1,549	Mudstone; dark brown-grey, very fissile and crumbly, carbonaceous in places, siltstone lenses.
1,549 - 1,554	Sandstone; light grey, fine-grained, abundant carbonaceous partings, fine dark-coloured argillaceous interbeds.
1,554 - 1,558	Shale; dark grey, very fissile.
1,558 - 1,559	Coal; black, some interbedded carbonaceous shale.
1,559 - 1,563	Siltstone; light- to brown-grey, interbeds of medium grey mudstones, bentonitic.
1,563 - 1,572	Sandstone; light to medium grey, very fine- to medium-grained, abundant interbeds of mudstone and siltstone, convolute bedding, beds and nodules of ironstone.
1,572 - 1,588	Mudstone; light, medium, and dark grey; shale and siltstone interbeds, horizontal bedding, sandstone lenses in places, carbonaceous partings.
1,588 - 1,597	Shale; medium to very dark grey, very fissile, coaly at base.
1,597 - 1,606	Siltstone; medium to dark grey, interbeds of shale.
1,606 - 1,610	Mudstone; light grey to dark brown-grey, upper part more argillaceous, lenses and blebs of calcareous sandstone throughout.
1,610 - 1,615	Coal; black, light brown bentonitic bed near top.
1,615 - 1,623	Mudstone; grey, lenses of light grey bentonitic siltstone.
1,623 - 1,630	Shale, brown-grey to black, very carbonaceous, bentonitic horizons, interbedded coals.

Feet

1,630 - 1,638	Mudstone; medium to dark grey, white flecks, coaly streaks.
1,638 - 1,640	Shale; dark brown-grey, very fissile, carbonaceous flecks throughout, coal bed at base.
1,640 - 1,732	Shale; medium grey to grey-brown, very fine- to fine-grained, light brown-grey sandstone at 1,661', ironstone nodules at 1,681', occasional siltstone and mudstone interbeds and lenses, ironstone bands throughout, light grey bentonite at base.
1,732 - 1,739	Mudstone; medium to brown-grey, fine lenses of bentonitic siltstone.
1,739 - 1,747	Sandstone; light grey, very fine-grained, bedding mostly horizontal but disturbed and burrowed in places, fine carbonaceous partings and resin blebs.
1,747 - 1,750	Shale; medium green-grey, resin blebs, coal streaks.
1,750 - 1,767	Mudstone; brown-grey to grey-brown, lenses of siltstone, coaly intervals and resin blebs, occasional ironstone lenses, very carbonaceous dark grey-brown shale near base.
1,767 - 1,774	Sandstone; light grey, very fine-grained, slightly calcareous, carbonaceous streaks.
1,774 - 1,777	Mudstone; medium grey-brown, more argillaceous at top of unit, siltstone bed and fine-grained bentonitic sandstone lenses, ironstone lenses, resin blebs.
1,777 - 1,780	Siltstone; grey-green carbonaceous fragments, slightly bentonitic.
1,780 - 1,789	Mudstone; green- to brown-grey, interlensed and interbedded bentonitic siltstone and argillaceous bands.
1,789 - 1,794	Sandstone; light grey, very fine- to fine-grained, coal streaks at base of unit.
1,794 - 1,804	Mudstone; brown- to green-grey, interbeds of siltstone, blebs of bentonite, lenses and nodules of ironstone.
1,804 - 1,812	Sandstone; light grey, fine- to medium-grained.
1,812 - 1,820	Mudstone; dark grey-brown, very carbonaceous, silty throughout with siltstone and ironstone at base of unit.
1,820 - 1,824	Shale; brown-grey to green-grey, dark grey at top, dark band near base.
1,824 - 1,833	Mudstone; green- to brown-grey, lenses of bentonitic siltstone, siltstone with mudstone fragments at base.
1,833 - 1,840	Sandstone; light grey to medium grey-brown, argillaceous lenses.
1,840 - 1,842	Mudstone; green- to brown-grey.
1,842 - 1,845	Siltstone; green-grey, interbeds of mudstone.

Feet

1,845 - 1,848	Sandstone; light grey to brown-grey, disturbed bedding, carbonaceous mudstone lenses.
1,848 - 1,853	Siltstone; brown- to green-grey, ironstone at base.
1,853 - 1,856	Sandstone; light grey, very fine-grained.
1,856 - 1,867	Mudstone; green- to brown-grey, fine light- and dark-colored banding, thin bed of siltstone and thin bed of shale with coaly streaks, siltstone lenses, light green argillaceous blebs in lower part.
1,867 - 1,872	Siltstone; yellow-brown, argillaceous.
1,872 - 1,885	Mudstone; brown- to green-grey, bentonitic lenses.
1,885 - 1,891	Siltstone; grey-green, occasional interbeds of mudstone.
1,891 - 1,897	Mudstone; grey to green-grey.
1,897 - 1,902	Sandstone; light grey.
1,902 - 1,912	Siltstone; light green-grey, darker in color and more carbonaceous near base, mudstone at base.
1,912 - 1,914	Sandstone; light grey, very fine-grained, interbeds and partings of mudstone.
1,914 - 1,918	Siltstone; green-brown, sandy.
1,918 - 1,937	Mudstone; green-brown to grey, siltstone interbeds, light brown ironstone band at 1,928'.
1,937 - 1,938	Sandstone; grey to brown, fine-grained, siltstone lenses.
1,938 - 1,955	Siltstone; brown-grey, ironstone lenses and interbeds, green-grey mudstone bed at top, interbeds and lenses of sandstone and mudstone.
1,955 - 1,958	Sandstone; light grey, medium-grained, siltstone interbeds, coal and bentonite lenses.
1,958 - 1,959	Mudstone; green-grey.
1,959 - 1,961	Sandstone; light grey, very fine- to fine-grained, slightly bentonitic, carbonaceous partings at base.
1,961 - 1,962	Siltstone; green-grey, lenses of sandstone and mudstone.
1,962 - 1,968	Mudstone; medium to green-grey.
1,968 - 1,986	Sandstone; light grey, very fine- to medium-grained.
1,986 - 1,993	Mudstone; grey to green-grey, lenses of siltstone.
1,993 - 2,012	Sandstone; light grey, very fine- to fine-grained, convolute bedding, interbeds of siltstone, layers of mudstone pebbles, upper few feet contain lenses of mudstone.

Feet

2,012 - 2,017	Mudstone; grey-brown, beds and lenses of siltstone and sandstone.
2,017 - 2,025	Sandstone; light grey with brown-grey interbeds of mudstone and siltstone, very fine- to medium-grained, horizontal bedding with convoluted intervals.
2,025 - 2,034	Sandstone; light grey, very fine- to coarse-grained.
2,034 - 2,047	Mudstone; yellow-green to brown, dark brown and carbonaceous at base.
2,047 - 2,055	Siltstone; light to medium grey, interbeds of sandstone and mudstone, bedding largely horizontal but convoluted in places.
2,055 - 2,058	Mudstone; brown-grey to grey.
2,058 - 2,069	Sandstone; light grey, carbonaceous partings.
2,069 - 2,078	Mudstone; green-grey.
2,078 - 2,080	Sandstone; light grey, interbeds of mudstone and siltstone.
2,080 - 2,091	Mudstone; grey to brown to yellow-green, very silty in places, ironstone lenses.
2,091 - 2,094	Shale; green-grey, interbedded mudstone at base of unit.
2,094 - 2,096	Mudstone; medium brown-grey, carbonaceous fragments.
2,096 - 2,100	Siltstone; light grey, argillaceous and carbonaceous interbeds, sandy at base.
2,100 - 2,122	Sandstone; grey, very fine- to medium-grained, shale chip conglomerate at 2,110', abundant ironstone nodules near base, coarser-grained sand at base, yellowish-grey shale at base of unit.
2,122 - 2,155	Mudstone; green-grey to grey, interbeds of sandstone and siltstone, bentonitic in places, ironstone band at base.
2,155 - 2,165	Sandstone; light to medium grey, very fine- to fine-grained, interbeds of siltstone and mudstone in lower portion.
2,165 - 2,167	Shale; dark brown-grey, carbonaceous with coal streaks.
2,167 - 2,178	Mudstone; green-grey to grey, silty horizons.
2,178 - 2,179	Coal; black.
2,179 - 2,182	Mudstone; brown-grey, very carbonaceous, very bentonitic.
2,182 - 2,186	Sandstone; light to medium grey, very fine- to fine-grained, bentonitic blebs, interbeds of siltstone, convolute bedding.
2,186 - 2,189	Shale; medium grey, abundant carbonaceous fragments, bed of coal and very carbonaceous shale at base.
2,189 - 2,200	Mudstone; green- to brown-grey, light green argillaceous blebs at one horizon.

Feet

2,200 - 2,203	Shale; grey-green, bentonitic.
2,203 - 2,213	Siltstone; grey to dark grey, lenses of very fine- to fine-grained sandstone and mudstone, convolute bedding.
2,213 - 2,219	Sandstone; light grey, very fine- to fine-grained.
2,219 - 2,233	Siltstone; light to medium grey, interlensed and interbedded sandstone and mudstone, ironstone nodules, coaly streaks.
2,233 - 2,235	Sandstone; light grey.
2,235 - 2,238	Sandstone; brown, coal streaks, grey to black shale at top.
2,238 - 2,243	Sandstone; light grey.
2,243 - 2,260	Shale; green- to brown-grey.
2,260 - 2,299	Mudstone; green-grey to grey, upper half interlensed and interbedded with sandstones and siltstones.
2,299 - 2,300	Sandstone; light grey, very fine-grained, carbonaceous streaks.
2,300 - 2,303	Mudstone; brown-grey, interbeds of sandstone and siltstone, convolute bedding, bands of ironstone nodules.
2,303 - 2,305	Shale; green-grey, bentonitic, carbonaceous fragments.
2,305 - 2,313	Siltstone; grey, interbeds of mudstones and sandstones, coaly lenses.
2,313 - 2,323	Sandstone; light grey to green-grey, dark grey streaks and partings.
2,323 - 2,332	Siltstone; brown to grey, interbeds of mudstone, sandstone, and ironstone.
2,332 - 2,333	Sandstone; light grey, very fine- to fine-grained, dark-colored argillaceous bands.
2,333 - 2,340	Siltstone; green-grey to grey, occasional shale interbeds.
2,340 - 2,343	Sandstone; green-grey to grey, very fine-grained, dark grey siltstone lenses in lower part, ironstone band at base.
2,343 - 2,352	Siltstone; green-grey to grey, brown-grey shale at top.
2,352 - 2,362	Sandstone; light grey, very fine- to fine-grained, bedding largely horizontal, dark grey argillaceous and silty interbeds.
2,362 - 2,370	Mudstone; brown-grey to grey, slightly bentonitic.
2,370 - 2,375	Shale; brown- to green-grey.
2,375 - 2,378	Sandstone; grey, very fine-grained.
2,378 - 2,380	Shale; medium to dark grey, carbonaceous fragments.
2,380 - 2,384	Siltstone; grey, ironstone lenses.






Feet

2,384 - 2,388	Sandstone; green-grey, fine-grained, interbeds and lenses of siltstone and mudstone, carbonaceous partings.
2,388 - 2,394	Mudstone; light brown-grey at top, remainder grey-green, sandy in places.
2,394 - 2,396	Shale; grey-brown.
2,396 - 2,400	Mudstone; green-grey.
2,400 - 2,401	Shale; medium grey.
2,401 - 2,404	Siltstone; green-grey.
2,404 - 2,410	Shale; medium grey to green-grey.
2,410 - 2,420	Sandstone; light grey, very fine- to fine-grained, argillaceous pebbles and lenses, coaly streaks, bentonitic blebs at base.
2,420 - 2,426	Siltstone; medium grey, lenses of light grey sandstone.
2,426 - 2,428	Sandstone; light grey, poorly sorted, very fine- to medium-grained, brown ironstone blebs, carbonaceous.
2,428 - 2,430	Siltstone; grey to brown, interbedded sandstone.
2,430 - 2,432	Sandstone; light grey, carbonaceous, bentonitic, ironstone at base.
2,432 - 2,443	Mudstone; green-grey to grey, interbeds of siltstone and sandstone.
2,443 - 2,445	Sandstone; light grey, very fine-grained.
2,445 - 2,455	Mudstone; brown-grey to grey, argillaceous in places.
2,455 - 2,458	Siltstone; brown-grey to grey, sandy, bentonitic blebs, ironstone patches.
2,458 - 2,467	Sandstone; grey, very fine- to medium-grained, ironstone nodules.
2,467 - 2,481	Mudstone; grey, siltstone interbeds, bentonitic horizon at base.
2,481 - 2,489	Sandstone; light grey with dark grey argillaceous interbeds, bedding largely horizontal.
2,489 - 2,494	Mudstone; dark grey to light grey-brown at base, silty and sandy in places.
2,494 - 2,517	Sandstone; light grey, very fine- to medium-grained.
2,517 - 2,520	Mudstone; green-grey.
2,520 - 2,522	Siltstone; grey.
2,522 - 2,532	Sandstone; light grey to green-grey, very fine- to medium-grained, coaly streaks.
2,532 - 2,537	Mudstone; grey, siltstone interbeds.
2,537 - 2,538	Sandstone; brown-grey, interbeds of siltstone.
2,538 - 2,540	Mudstone; brown- to green-grey, carbonaceous fragments.










LEGEND

C. P. O. G. Strathmore 7-12-25-25 W4

ROCK TYPES

	Sandstone
	Siltstone
	Mudstone
	Shale
	Coal, coaly

ACCESSORIES

	Shale laminae		Shale pebbles		Fossils
	Calcareous		Siderite nodules		
	Sideritic		Bentonitic		
	Glauconitic		Carbonaceous		

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