

Phillips Aust Co. Hermes # 1

LITHOLOGY REPORT

Scale 1/ 5000

Formation	Lithology	Depth	Description
CRETACEOUS	[Pattern]	3100	Sst: a/a. Clyst: lt gy, sft, non calc + Coals Sltst: gy, mod hd, v argl, carb, fis. Sst: no clr, m-c grn, no flr, gd srt Clyst: gy, sft, mod slty, py + Coals
	[Pattern]	3200	Sltst: a/a + Coals Inter-bedded formations
	[Pattern]	3300	Sltst: gy/bn, mod hd, non calc, argl Sh: bn, mod hd, fiss, non calc, carb Clyst: gy, sft, slty, carb, py, blk Sst: no clr, pr srt, gd vis por, py Sst: a/a with Coals
	[Pattern]	3400	Clyst: lt gy, sft, slty, py + Coals
	[Pattern]	3500	Coal: blk, hd, vit, blk Sltst: gy/bn, v arg, sft, py + Coals Coals: a/a Coals: a/a
	[Pattern]	3600	Sst: lt gy, f-m grn, p srt. Coals: a/a Coals: a/a
	[Pattern]	3700	Sh: dk gy, fis, slty, mod hd, carb, py Sst: a/a Coals: a/a Sltst: gy, mod hd, blk, carb, occ.py Sh: dk gy, sub fis, v. carb, occ py
	[Pattern]	3800	Sst: no col, gd srt, hd, sil cmt Coals: a/a + interbedded Sh Sltst: dk gy, mod hd, blk, occ py Coals: a/a + interbedded Sh
	[Pattern]	3900	
	[Pattern]	4000	Sltst: dk gy, frm, arg, no vis por Sltst: with inter-bedded Shale Sh/Sst: inter-bedded
	[Pattern]	4100	Sh: dk-md gy, sub fis, slty Sltst: dk gy-brn, frm, arg Sst: clr-orm, md fr, md srt, sub ang sub rnd, well cmt Sltst: a/a Sst: a/a Sltst/Sh: interbedded Sh: dk gy, hd, fiss Sst: a/a, occ Coals Sst: with Sltst/Sh beds assoc. Sand: sub ang, md srt, md crs
	[Pattern]	4200	Sst: with Sltst/Sh beds Sst: lt gy-orm, f-md grns, md srt sub rnd, well cmt, Sand assoc. Sand: a/a Sst: clr, gd srt, sub ang-sub rnd interbedded Sltst
	[Pattern]	4300	Sst: a/a, occ Coals Coal: bk, md hd, fr, occ slty Sst: a/a, occ Coals Sst: lt gy-orm, f-md grn, sub ang- rnd, md srt, gd sil cmt, occ Sh Shale: dk gy-brn, hd, fiss, slty Coal: a/a
	[Pattern]	4400	Sst: with occ Sh/Coals Sst/Sand: clr, tnsi, sub rnd-sub ang, f-md grn, gd srt
	[Pattern]	4500	Sst/Sand: a/a with occ Sh/Coals Sst: with occ Sltstn med dk gy, blk, sub fis, occ sd grn. Sst: with assoc Sltstn a/a.