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Strahan (1)

DH No. (FIELD)

STRAHAN BH-1

GEOLOGICAL LOG

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DRILLING DATA				DESCRIPTION	SPEC-MEN
FROM metres	TO metres	RECOVERY			
		metres	%		
				182-184 Only 22 cm core. Micaceous fine-med. sand, fine chert nodules.	
				184-184.8 Pale clay ^{with} plant fragments	
				184-184.9 Very carbonaceous clay	
				- 188.2 Fairly massive pale clay. Brecciated down to 2m. ^{from} 185.7-186.0	
				- 189.4 Med. sand - carbonaceous frags, pyrite nodule at 188.6	
				- 189.8 ¹⁹¹ Sand, clay & carbonaceous frags	
				- 191.3 Lignite & very carbonaceous clay.	
				- 191.8 Clay & carbonaceous frags	
				- 192.1 Lignite & plant frags	
				- 193.5 ⁴ Clay & carbonaceous frags	
				- 194.1 Lignite	
				- 198.3 Fairly massive pale clay & plant frags & small pyrite blebs	
				- 199.5 Very carbonaceous clay & subhoriz. lamination	
				- 200.3 Clayey fine sand & carbonaceous frags	
				- 201.9 Carbonaceous heavy carbon (lignite) clay	
				- 202.8 Clayey carbonaceous fine-med. sand	
				- 205.9 Carbonaceous sandy clay & some large plant frags	
				- 207 Lignite clay & very carbonaceous clay	
				- 207.4 Carbonaceous sand, med. gr.	
				- 208 Sand, clay & carbonaceous frags	
				- 211.6 Very carbonaceous clay ^{with} lignite bands & 10cm.	

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Spore samples
on back

DH No.
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GEOLOGICAL LOG

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DRILLING DATA				DESCRIPTION	SPEC- IMEN
FROM metres	TO metres	RECOVERY			
		metres	%		
				-214.2 Clayey fine sand ^{2 metres} & carbonac. frags, micaceous in part, ^{spinel bits} carbon shells	
				-215 Very carbonaceous clay - sandy clay (dark brown or usual) laminated	
				-217 Sandy clay & carbonac. frags.	
				-217.2 Very carbonaceous lignitic clay	
				-218.6 Mammie & clayey fine sand, slightly carbonaceous, pale	
				-219.9 Very carbonaceous clay frags & sandy clay.	
				-220.3 Clayey fine sand & few plant frags, mammie.	
				-221 Sandy brown carbonaceous clay.	
				-221.3 Fine sand, clayey, coarse.	
				-223.5 Clay, mammie, dark in part, few scattered plant frags	
				-227 Very carbonaceous clay, lignitic bands	
				-228 Carbonaceous sand	
				-229 - 1m core loss	
				-230.4 Very carbonaceous clay	
				-231.3 Clayey fine sand & carbonac. frags	
				-234 Sandy clay, mammie, very pale	
				-239.1 Clayey fine sand, faint mammie, scattered carbon. frags	
				-239.9 Sandy clay, faint mammie, sub. scattered "	
				-240.2 lignitic very carbon. clay.	
				-243 Clayey fine sand, faint mammie, see large carbon. frags, include some & adjacent. attitudes	

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Pyritized plant fossils in many clay layers

GEOLOGICAL LOG

DH No.
(FIELD)

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DRILLING DATA				DESCRIPTION	SPEC- MEN
FROM metres	TO metres	RECOVERY			
		metres	%		
				-273.5 Very carb. clay & lignite (8cm) at 273.	
				-274.4 lignite, dark brown, brittle fracture, earthy colour.	
				-276 Hard sandy clay & carb. frags, pyritic, breaking down to 2 layers at 275.5.	
				-277.6 Hard clayey fine sand	
				-279.4 Carbonaceous sandy clay.	
				-292 Clayey fine sand, fine mica, rather carb. frag, pale, slightly friable in patches.	
				-284.7 Hard sandy clay & small carb. frags	
				-284.7 Hard sandy clay	
				-286.5 Carbonaceous sandy clay	
				-286.9 Carbonaceous sandy clay & 6cm lignite band	
				-289.5 Clayey fine sand & carb. patches, hard.	
				-292.5 Sandy clay to puggy clay & carb. frags	
				-294.25 Clayey sand to sand, some carb. patches	
				-295. 75m core loss - none (stone here drilled OK).	
				-296.5 Clayey fine sand & carb. frags.	
				-296.8 Sandy clay, hard, carb. frags	
				-297.3 Slightly coarser sand, slightly friable	
				-298.5 Hard sandy clay & plant frags	
				-299.3 Hard clayey sand	
				-299.7 Hard sandy clay	

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GEOLOGICAL LOG

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DRILLING DATA				DESCRIPTION	SPEC- MEN
FROM metres	TO metres	RECOVERY			
		metres	%		
				-244.8 Sandy clay, fairly massive, some pyrite nodules, ^{rather} carb. frags.	
				-245 Very carbonaceous clay	
				-245.6 Clayey sand - carbon. frags	
				-246.8 Sandy clay - scattered carb frags	
				-248 Sandy clay Clayey fine sand & carb frags, very pyrite blks	
				-250.5 Hard clay - scattered carb frags; slickensided surfaces at 249	
				-252.1 Clayey fine-med sand, massive, at void scattered carb. frags	
				-253 Carbonaceous sandy clay (some clayey sand) lot of pyrite in bedding planes	
				-254 Dark semi-friable sand med-coarse grd, carbonaceous	
				-254.5 Hard sandy clay	
				-254.6 10 cm lignite band	
				-256 Hard clay & carb frags, small pyrite spots	
				-256.5 Very carbonaceous sandy clay	
				-257.9 Hard clayey fine sand, scattered carb frags	
				-260.6 Sandy clay, carbonaceous in parts, pyrite in patches	
				-263.6 Hard clayey sand, slightly friable in patches, some carb. frags.	
				-265 Very carbonaceous sandy clay, 10cm lignite band at 264.	
				-268 Sandy clay & carbon. patches	
				-268.5 Very carbon sandy clay.	
				-270.8 Hard sandy clay & carb patches	
				-272.8 Massive hard clayey fine sand & scattered carb. frags, very pale	

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GEOLOGICAL LOG

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(FIELD)

DRILLING DATA				DESCRIPTION	SPEC- IMEN
FROM metres	TO metres	RECOVERY			
		metres	%		
				-302 Hard sandy clay & sand filled burrows, plant frags, capped clay layer. Very pyritic sand for 2cm at 302.	
				-302.5 Carbonaceous clay	
				-305.5 Med to fine sand, clayey in part, slightly friable in part, contains plant frags.	
				-307 Hard sandy clay, carbonaceous patches	
				-307.5 Hard clayey fine sand & carb. frags.	
				-309.5 Hard sandy clay & numerous carb. frags.	
				-309.8 Very carbonaceous sandy clay & pyritic plant frags.	
				-310.1 Hard sandy clay & carb. frag.	
				-310.5 Gritty coarse sand, sl. clayey, plant frags.	
				-310.8 lignite - pyritic - decaying	
				-311.8 Hard clayey fine sand, carbon. in part.	
				-312.8 Hard sandy clay & carb. frags.	
				-313.7 Med - coarse sand	
				-316.5 Hard sandy clay & scattered plant frags	
				-321.5 Medium sand to clayey fine sand, & carb. frags & herbs	
				-322.7 Coarse gritty sand, quartzose, sl. friable & washed.	
				-323.3 Hard sandy clay & carb. frags	
				-325.1 Fine to med sand, & carb. frags, sl. friable in part	
				-329.7 Hard sandy clay & carb. frag, some pyritization	
				-330 Very carbonaceous clay	

Yellowish, & possible weathered
debris possible, at 327.7-328

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DH No. (HED)		GEOLOGICAL LOG		Page: - 6/6	
DRILLING DATA				DESCRIPTION	SPECIMEN
FROM metres	TO metres	RECOVERY			
		metres	%		
				-331 - 1m core loss - carbonate lignite layer.	
				-331.4 Slightly gritty sandy clay	
				-331.8 Gritty clayey sand, pale yellowish, porous weathered debris detritus	
				-333 Hard clayey sand	
				-333.7 Hard sandy clay, pale yellowish	
				334 Clayey gritty sand, yellowish, porous weathered debris detritus	
				337.7 Clayey fine sand & weathered plant frags.	
				-336.4 Semi-fineish med sand, carbonaceous in part, strongly worked in places	
				-337 60 cm core loss at end of run	
				-338.6 Sandy clay	
				-339.2 Clayey fine sand	
				-340 80 cm core loss	
				-341.5 Clayey fine sand, slightly worked	
				-343 Semi-fineish med coarse sand, matted carb. frags strongly worked in places. Disintegrating.	
				-346 10 cm of core - fineish med coarse sand. 2.9 m core loss.	
				-348 2 m core loss	
				-349 Clayey fine sand, fairly hard, carbonaceous & very pebbly in part.	
				End of hole bygel 28/6/84 K. Corbett	

STRAHAN B.H-1. SECTION

K. Corbett

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