

# OPEN FILE

ONSHORE

SOURCE ROCK EVALUATION ON  
DRILL MATERIAL FROM THE  
NTGS CORE LIBRARY,  
SAMPLED 12/12/83

BMR I H CRICK

KRATOS 1, 8 and 11

PR 814 / 38



Department of Resources  
and Energy

## BUREAU OF MINERAL RESOURCES, GEOLOGY & GEOPHYSICS

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*In reply please quote:*

2 July 1984

Miss S. H. Hickey  
Technical Information Section  
Northern Territory Geological Survey  
Department of Mines and Energy  
GPO BOX 2901  
DARWIN N.T. 5794

Your ref: CE/CT: 173  
TECH 3/ DDD

Dear Sue,

Please find enclosed a report on the work done so far on drill  
material from the NTGS Core library from Kratos 1, 8 and 11,  
Bauhinia Downs 1:250,000 map sheet, as requested.

With regards,

This report covers the rock evaluation  
analysis on drill material sampled from  
the NTGS core Library on the 12/12/83  
by BMR

(I. H. CRICK)

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ENCL:

NORTHERN TERRITORY  
GEOLOGICAL SURVEY



PR0438.

Report on Rock-Eval Analysis on drill material from NTGS Core library from Kratos 1, 8 and 11, Bauhinia Downs 1:250,000 map sheet.

Rock-Eval analysis on Kratos 11 (see attached result sheet) shows that the Corcoran Formation, Roper Group, contains minimal organic matter and therefore cannot be considered as a source-rock. Because of the disappointing results from Kratos 11, no further Rock-Eval analyses were done on Kratos 1 and 8 material.

Preliminary petrographic examination showed only minimal dispersed organic matter. To date the organic matter has not been differentiated and classified but it is anticipated that this will be done at some later stage.

The work on this drill material is supported by a grant from the National Energy Research, Development and Demonstration Council.



I. H. Crick  
2 July 1984



BASIN MCARTHUR

WELL KRATOS NO 11

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ID	DEPTH- UD	 LD	TMAX DEG C	S1	S2 KG PER TONNE	S3	ORG C %
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FORMATION CORCORAN

1188	20.6	20.6	482	.01	.05	0.00	0.00
1189	39.6	39.6	391	.02	.05	0.00	0.00
1190	64.5	64.5	277	0.00	.03	0.00	0.00
1191	124.8	124.8	364	.01	.05	0.00	0.00
1192	127.4	127.4	321	.01	.03	0.00	0.00
1193	129.0	129.0	305	.01	.02	0.00	0.00
1194	129.3	129.3	305	0.00	.01	0.00	0.00
1195	130.9	130.9	301	.01	.04	0.00	0.00
1196	132.0	132.0	277	0.00	.01	0.00	0.00
1197	135.0	135.0	364	0.00	.02	0.00	0.00
1198	136.9	136.9	320	.01	.02	0.00	0.00
1199	142.1	142.1	302	.01	.03	0.00	0.00
1200	164.7	164.7	273	0.00	0.00	0.00	0.00
1201	210.3	210.3	315	0.00	.03	0.00	0.00
1202	246.9	246.9	277	0.00	.03	0.00	0.00
1203	281.7	281.7	316	.01	.04	0.00	0.00
1204	322.8	322.8	347	0.00	0.00	0.00	0.00
1205	344.4	344.4	277	0.00	.04	0.00	0.00
1206	370.0	370.0	298	0.00	0.00	2.83	0.00
1207	372.1	372.1	277	.01	.03	1.56	0.00
1208	372.9	372.9	389	.01	.06	0.00	0.00
1209	384.0	384.0	357	0.00	.02	2.10	0.00
1210	389.8	389.8	336	0.00	.03	0.00	0.00
1211	392.6	392.6	456	.01	.06	.11	0.00