

FLUID LEVEL (m)	~15	T2_START (µs)	300	CBW_CUTOFF (ms)	3	TEMP_OPTION	Geothermal
NUM_STACKS	3	T2_STOP (s)	10	CAPW_CUTOFF (ms)	33	TEMP_GRAD (°C/100m)	1.5
IGNORE_ECHO	0	NUM_STEPS	64	FFV_CUTOFF (s)	3	SURFACE_TEMP (°C)	10
BURSTS	True	ALPHA	500				
TOOL_CONFIG	BMR-60-180404_29Apr2021_230mm			CAL_FILE	BMR-60-180404_29Apr2021_230mm		
NMRLib Version	1.6.1.3			PROCESSED BY	R.Gee / B.Birt		

PERMEABILITY MODELS

TIMUR-COATES (TIM)

SCHLUMBERGER DOLL RESEARCH (SDR)

$$k_{TIM} = a \cdot TPOR^m \cdot \left(\frac{FFV}{BFV} \right)^n$$

a 1
m 4
n 2

$$k_{SDR} = a \cdot TPOR^m \cdot (T_{2LM})^n$$

a 4
m 4
n 2

COMMENTS

Based on discussions with EGS personnel, the borehole is comprised of Clastic lithology. Therefore, the subject BMR data was processed using global cutoffs for a clastic (clay (3 ms) and capillary (33 ms) bound water) lithology and standard co-efficients for permeability equations. It should be noted that in unsaturated media, TPOR reports only moisture content and Water Volume and Hydraulic Conductivity outputs are invalid. QC flags have been applied where appropriate and this data should be used with caution unless verified with other information. Where Flag effects are above acceptable tolerances, an additional formation corrupted flag has been added and this data should not be used. No depth shifting has been applied.

IMPORTANT NOTE

This report is prepared and reviewed by our competent geoscience personnel using the provided or recorded data, however the accuracy of the report is subject to the adequacy and accuracy of data available. NMRSA used industry-recognised and accepted interpretation methods and softwares to create this report and due care has been taken to review the results. Standard NMR Services Australia Pty. Ltd. Terms and Conditions applies.



