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ORGANIC PETROLOGY

450567

1. VITRINITE REFLECTANCE

| DEPTH (M) | MEAN MAXIMUM REFLECTANCE (%) | STANDARD DEVIATION | RANGE | NUMBER OF DETERMINATIONS |
|-----------|------------------------------|--------------------|-----------|--------------------------|
| 3789-98 | 1.27 | 0.08 | 1.14-1.45 | 41 |

2. BRIEF DESCRIPTION

2.1 LITHOLOGY

CHIEFLY SANDSTONE, 10-15% SILTSTONE AND SHALE, 5-10% COAL AND CARBONACEOUS SHALE.

2.2 PROPORTIONS OF MACERAL GROUPS

| | VITRINITE | INERTINITE | EXINITE |
|---------------------------|-----------|------------|---------|
| COAL AND CARBONACEOUS SHL | 85 | 5 | 10 |
| SST, SILT, SHL | 75 | 15 | 10 |

3. COMMENTS

1/ MINOR OIL OCCURS IN THE SANDSTONES, SILTSTONES (INTENSE YELLOW TO GREEN FLUORESCENCE) AND CARB SHALES (MODERATE ORANGE FLUORESCENCE)

2/ EXINITE CONTENTS ARE GENERALLY LOW (APPROX 10%).

REGARDS,

C.W. WARING

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