

#47

Interpreted Drill Cuttings Description

200/c-066-E / 094-O-10/00

Formation:

Sample Quality: GOOD

Well Name: PARA TATTOO
Status/RR: MATTSON GAS WELL / 2006
TD Depth/Fmn: 642m / DEBOLT
Examined: SEP-2009
JC Consulting Inc.
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403 651-7890
File No: 2009-045

MATTSON
GOLATA
DEBOLT

The Mattson consists of a thick very fine to fine and medium grained sandstone with trace to common kaolinite clay, trace to abundant occluding quartz overgrowths resulting in varying porosity and permeability which ranges from 1-3 to 6-9 and 12% porosity and up to 5 mD permeability. Common light brown oil staining is present throughout and maybe the result of mud type (?) as the solvent cut was very weak, blue-white to pale yellow.

The underlying Debolt consists of a bioclastic chalky to micro crystalline limestone with very poor porosity and permeability.

No fracture evidence was observed.
The formation was tested and produced 2.3 e3m3/d gas.

