

#48

Formation

MATTSON
GOLATA
DEBOLT

Interpreted Drill Cuttings Description

Sample Cutting Quality: GOOD

Well Name: CREW ET AL TATTOO
Status/RR/TD: SUSP MATTSON GAS WELL / 2663 ft
Examined: SEP / 2009
JC Consulting Inc
J CLOW, P. GEOL
403 651-7890
File No. 2009-045

200/b-096-E / 094-O-10/00

The Mattson consist of a very fine to fine grained sandstone with varying secondary cements and quartz overgrowths. Generally, the very thick Mattson has very good grain relief and visible porosity in the 3-6 and commonly 6-12% range with permeability in the 0.1-0.5 mD to commonly 1-5 and 50+ mD ranges. The entire sand interval has a very weak light brown oil stain with no florescence and very week yellow blooming solvent cut.

If the zone has been drained then it may be an excellent zone for disposal and possilby as a water source.

No fracture evidence was observed.
A long DST interval resulted in GTS at the rate of 300 mcf/d.





