

Interpreted Drill Cuttings Description

200/a-40-K / 94-O-15/00
AKA 200/a-29-K / 94-O-15/00

Formation:

DEBOLT

Sample Quality: fair, very finely
ground, invert drilling mud.

Well Name: EOG HZ MAXHAMISH
Status/RR: N/A
TD Depth/Fmn: N/A
Examined: AUG-2009
JC Consulting Inc.
J Clow, P Geol
403 651-7890
File No: 2009-040

The Debolt consists of a thin upper weathered limestone/chert interval with none to rare vis por. The balance of the reviewed interval in the underlying Debolt consists of a crinoidal wackestone-packestone with no visible porosity.

Depth (m)	Grain					Size	Lithology	Porosity		Porosity Type	Perm (mD)		Geological Descriptions			
	Congl	v. crs	crs	med	fine			Total Poros (%)	Estimated Porosity		Visually Estimated Perm	Conduct				
530								20	Estimated Porosity	D	0.01	0.1	1	10	100	SH, blk, com SS cavings, vf-l med gr, qtzose with tr cht & com carb grs, vg grn relief, weak consolidation, com kao clay, com ctgs with abund glauc & pyrite, com OIL staining, vg por/perm, appear to be cavings. DEBOLT As abv, dirty with invert mud; CHT: silicified LS, wh, com weathered chalky appearance, finely ground ctgs, chalky & rr dissolution vis por, 1-3% chalky por, <0.05 md ? LS: chalky weathered appearance, tr lt gy chert shards, no visible porosity is apparent, 1-3% chalky porosity, <0.02 md. LS: white & chalky, com lt brown cryptoxln, tr crinoids, finely ground, appears to be dense, 1% por, <0.02 mD. LS: cryptoxln to com vf-f xln, off wh-lt brn, tr-com crinoids, crinoidal wackest-packst, no vis por, 1-2%, <0.02 md. LS: cryptoxln to com vf-f xln, off wh-lt brn, tr-com crinoids, crinoidal wackest-packst, no vis por, 1-2%, <0.02 md. LS: wh-lt brn, chalky, cryptoxln, com crinoids, wackest-packest, no vis por.
535																
540									Weathered sfc							
545								1-3%	1-3% chalky	X				<0.05 md ?		
550										E				<0.02 md		
555								20	Estimated Porosity	D	0.01	0.1	1	10	100	
560								1%		E				<0.02 md		
565								1-2%						<0.02 md		
570								1-2%						<0.02 md		
575																
580								1-2%						<0.02 md		
585																
590								1-2%						<0.02 md		
595								1-2%						<0.02 md		
600								20	Estimated Porosity	D	0.01	0.1	1	10	100	LS: wh-lt brn, chalky, cryptoxln, com crinoids, wackest-packest, no vis por.