

Formation:

Krad zn

Mdebolt

Mrundle

Interpreted Drill Cuttings Description

Sample Quality: Good

200/c-014-G 094-O-09/00

Well Name: EOG HZ TRAIL

Status/RR: POTENTIAL WELL

TD Depth/Fmn: 2547m / Dmuskwa

Examined: JUL-2011

JC Consulting Inc.

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File No: 2011-032

Depth	Grain	Size	Lithology	Porosity Total Poros (%)	Perm (mD) Visually Estimated Perm	Geological Descriptions
550			20 Estimated Porosity		0.01 0.1 10 100	SH; dk gy, gy blk in part, speckled calcite.
555						Krad zn
						SS: vf-l med gr, ang-sb ang wh translucent qtz, sil, calc, com MICA (biotite), NO VIS POR.
560			1-2%		<0.02 md	CLAYST: off wh-lt brn.
565			PHOTOS			Mdebolt
570			6-9 or 10% por		1-5 to 10+ md	DOL: micro-xf xln, dk brn, arg, com SUCROSIC texture, com intermixed CHERT - weathered sfc, DK BRN OIL STAINED, EXCELLENT POR/PERM, 3-6 to com 9 or 10% por, 1-5 to com 10+ mD, GOLDEN YEL FLOR, INSTANT STREAMING YEL CUT.
575			6-9 or 10% por		1-5 to 10+ md	DOL: abund as abv (cavings?), com micro-vf xln dk brn oil staining, exc por & perm.
580			1-3%		<0.03 md	LS: crypto-micro xln, lt brn, chalky in part, 1-2 to pos 3% por, lt brn OIL stained.
585			2-3 to com 4 or 5%		<0.5 md	LS: vf-f xln, chalky in part, com SANDY INTERBEDS WITH COM GLAUC, vf gr, sil, fair intxln por, 2-3%, OIL STAINED, <0.5 md
590			2-4%		<0.05 mD	LS: vf-f and com med xln, lt brn OIL stained, 1-3% intxln por, <0.05 md, tr-com CHERT - SILICIFIED LS.
595			1-2 or 3%		<0.05 mD	LS: micro-xf xln, com vf-f and med xln as abv,
600			1-2%		<0.02 mD	LS: micro-xf xln, off wh-gy, 1-2% micro xln por, sl arg.
605						SH: dk gy, slty.
610			20 Estimated Porosity		0.01 0.1 10 100	U Mrundle
615			1-2%		<0.02 mD	605 spl; LS: crypto-micro xln, lt-dk brn, sl arg, com micro-vf xln, gen p por/perm, 1-2%, <0.02 md.
620			photos		0.5-1 to com 1-5 to pos 10+ mD	610 spl; LS: weathered in part, vf-f xln, brn, sl arg, com WEATHERED CHERT - White with com dissolutions por, few ctgs with large drusy calcite on on side - vug lining com good intxln por, 3-6 to pos 8 or 9% por, 0.5-1 to com 1-5 to pos 10+ mD.
625			3-6 to pos 6-8 or 9%			Oil stained, patchy oil stained weathered CHERT, golden yel flor, instant streaming golden yel cut.
630			1-2 to predom 3-6 and 8 or 9%		<0.02 to predom 1-5 to com 10+ mD	LS: com weathered porous patchy OIL stained CHERT, com silicified LS, com vf & vf-f xln OIL STAINED LS with good intxln por, 1-2 to predom 3-6 and 8 or 9% por, <0.02 to predom 1-5 to com 10+ mD
635			photos			
640			1-2 to pos tr 3%		<0.02 to pos<0.05 mD	LS: crypto-microxln, comly siliceous wi intxln and tr pir point vuggy por, tr bit, tr-com CHERT: gy, silicified LS, 1-2 to pos tr 3% intxln por, <0.02 to pos<0.05 mD

[illegible]