

Formation:
MISS DEBOLT

Sample Quality: GOOD

Well Name: DEVON NEC TATTOO
Status/RR: N/A / FEB 2010
TD Depth/Fmn: N/A / Proj 2930m, Dkeg r
Examined: AUG-2011
JC Consulting Inc.
J Clow, P Geol
403 651-7890
File No: 2011-032

Interpreted Drill Cuttings Description200/a-100-J / 094-O-07/00

Depth	Grain	Size	Lithology	Porosity		Perm (mD)		Geological Descriptions				
				Total Poros (%)	Oil Shows	Visually Estimated Perm	Cond					
5	Congl v. crs crs med fine v.fine Sil/textf microxln Clav/crypto			20	Estimated Porosity	0	0.01	0.1	10	100	Visually Estimated Perm	
580												SH, dk gy blk, blk, fissile, tr SLTST.
585												SH, dk gy blk, blk, fissile, tr SLTST. Krad zn
590												LS: earthy brn, crypto-micro xln & arg, com chalky texture, SS: vf gr, ang clr qtzose, sil, GLAUCONITIC, tr-com vis por, 3-6 to pos 8% por, 0.1-0.5 to pos 1 md; tr SIDERITE NODULES.
595				4-8% 3-6 to pos 8%			1-3 + mD		0.1-0.5 to pos 1 md			Mdebolt LS: crypto-micro xln, com f-med xln, sl arg, tr disseminated PYR, silty, P POR, tr SS interbeds: vf-f gr with tr carb mat and GLAUC, LS: lt brn cryptoxln, com interbedded GLAUCONITE-RICH dk gy SH, com CHERT - LT BRN, BEDDED.
600				1-2% 2-4 TO POS 6%					<0.02 mD			LS: lt brn OIL stained EARTHY, tr vf-med xln, RARE PIN PINT VUGGY POR, 2-4 TO POS 6% prdom micro/earthy por, <0.1 mD.
605									<0.1 md			LS: earthy with patchy brn OIL stain, com chalky.
610				1-2%					<0.05 md			LS: tr lt gy micro xln, com arg earthy material, tr CHERT - SILICEOUS FOSSIFEROUS LS; tr-com vf gr glauconitic SS, sil, no vis por;
615				1-2%					<0.02 md			LS: dk gy, V ARGILLACEOUS, 1-2% por,
620				1-2%					<0.02 md			LS: dk gy, V ARGILLACEOUS, 1-2% por,
625				1-2%								LS: micro to vf xln, dk gy, V ARGILLACEOUS, 1-2% por,
630				1-2%					<0.02 md			LS: vf xln, dk gy, v argillaceous.
635				1-2%								LS: crypto-micro xln, lt brn, dense.