BOREHOLE LOG PROJECT NAME: Detailed Hydrogeological Assessment BOREHOLE NO.: HYD-08-11 LOCATION: Ketza River Mine PROJECT NO.: CLIENT: Ketza River Holdings **GROUND ELEVATION:** 1390.028 masl DRILL TYPE: DDH - Hardrock Drilling UTM (NAD27, Zone 8): 6826189 N; DRILL DATE: March 4, 2008 646114 E DRILL SIZE: HQ TREND/PLUNGE: 17.5°/-83.7° FRACTURES FREQUENCY Lithology Installation Summary (No. Fractures/m) Hydraulic Conductivity (K) **RQD** (%) (m/s) 1E-7 1F-8 1E-6 ·B PVC Stick-up: 0.98 m ags PVC Stick-up: 0.85 m ags Depth (m bgs) Elevation (masl) RECOVERY (%) 80 100 60 Protective Casing OVERBURDEN HYD-08-11B 03/07/2008 Bentonite 05/24/2008 Well is dry SILTSTONE GOUGE HYD-08-11A 05/24/2008 WL:1381 masl Bentonite 1380 HQ size hole (95.6 mm dia.) SILTSTONE Sand and Slough HYD-08-11A 03/07/2008 (may not be continuous) 3.4 x 10E-6 WL: 1374 masl 1375 50 mm PVC Pipe 1370- $3.7 \times 10E-6$ ARGILLITE, SILTSTONE -10-Slot Screen Length: 15,24 m (50 ft) 1365 2.6 x 10E-6 SILTSTONE 1360 1359.25 30.78 **END OF HOLE** CLIENT **DETAILED HYDROGEOLOGICAL ASSESSMENT LEGEND KETZA RIVER MINE, YT Ketza River** Fracture Frequency (No. Fractures/m) Holdings **BOREHOLE LOG** Recovery (%) HYD-08-11 Rock Quality Designation (RQD; %) PROJECT NO. DWN CKD Figure B11

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March 30, 2011