

DRILL HOLE LOG
TIDD

Hole: TD-06-02

Zone:

Page 1 4

Northings: 6880892

Easting: 377955

Elevation:

Depth	121.9m
-------	--------

121.9m

Drilling Dates: Aug. 17 to 18, 06

Logged By: Bill/Heather

Length:

121.9m

Dip

-45-

Core Diameter:

Casing Depth: 4.27m

Casing:

In / Out

Azimu

Visual Log		From (m)	To (m)	Interval (m)	Unit	Description	Sulphides										Alteration		From (m)	To (m)	Interval (m)	Sample Number	Rec. (m)	Rec. %
Visual	Struc.						(m)																	
		0	1.52	1.52																				
		Casing-overburden																						
		1.52	6.09	4.57	QFBX	Quartz flood breccia																		
		1.52-3.74m Heavy heavy QFBX. Brn frag are PHY, strong SER and CHL alt. Irratic dissem and concentrations of PY, CPY																						
		3.74-6.09m SER-CHL alt PHY content increases. Lower contact bt subunits-sharp at 55deg. PY dissem and frac fills and minor PO, CPY in QF																						
		STAR***Sections of chl alt appear v fq and compact. Protolith uncertain, may not be altered PHY. C-axis 50deg. QF are irregular fol parallel and x-cutting CHL-SER alt.																						
		Base of interval marked by white QV material w/ abundant orange fol per stringers (30cm) Fe stained ser. @5.73 possible native Cu on edge of QF and chl alt PHY.																						
		3.09	6.99	0.9	PHY	Phyllite																		
		Moderate to strong chl-ser alt. Moderate white to clear QF. Lower contact gradational (alt contact to SER>PHY alt) Py mainly as stringers on x-cutting frac and patchy																						
		disseminations, SPH, TR amounts of CPY. Less QF																						
		6.99	11.46	4.35	PHY																			
		SER MUSC PHY w/ chl alt in areas of QF. Abundant hairline frac w/ localized chl alt along selv and minor side of PHY along fol planes. Minor kink bands present. Fol @																						
		50 deg and 30 deg.																						
		10.5-11.46m Strong white QF w/ localized strong ser and chl alt. SX content: generally low, PY dom dissem. And folioform whisps. Minor PO, SPH, CPY																						
		generally assc w/ qtz filled frac																						
		11.46	19.36	7.9	PHY																			
		Mod to strong frac ser and chl alt. Mod QF. Abundant frac w/ localized CHL alt along frac. SX mzn is PY dom and PO, CPY mostly in cCHL alt QTZ frac.																						
		Start to see more frac and mzn at 12.66m																						
		12.66-14.08m SX mzn CPY and SPH along chl alt, QTZ filled frac. Fol at 35deg, c-axis angle QF in x-cutting direction at 50deg. Frac in some places																						
		resemble stockwork filling. 14.08-14.98m Weakly mzn po, cpy, py-assc. DOM po and cpy.																						
		14.88-15.46m Heavy QFBX w/ abundant CPY, SPH, GN. Really well mzn. Relict fol preserved w/in BRXX at 55deg.																						
		15.93-18.49m weakly mzd w/ PY, PO, CPY. Trace SPH along frac. ND: hole has strong CHL alt and QF assc.																						
		19.42	22.94	3.64	PPY																			
		Sharp contact w/ PPY. Minor (<5cm gauge at contact). Not fractured or anything. 55deg (perfect) contact angle. Pale green-grey PPY w/ QTZ-FSP matrix. Clear qtz eyes.																						
		dark xtals HBLD-BIOT? lots of fsp clasts strongly alt. Small concentrations of v. fine PY in fsp. White Qvnlts cutting PPY. Abundant PY assc. C-axis																						
		at 65 deg for qtzvnl. In general PPY is very competent. Minor hairline Ca fractures. Absolutely no fabric in PPY. Strong alt in fsp. Lower contact at 22.54m. Lower 20cm																						
		is fairly bleached (tan-or fresh?) Irregular QF cutting, PY dom. Small bit of fabric-frac or relict where intruded near phy at base. C-axis fabric. Same as bottom 2cm																						

DRILL HOLE LOG
TIDD

Hole: TD-06-02

Zone:

Page 2 4

Northing: 6880892

Easting: 377955

Elevation:

Depth	121.9m
-------	--------

Drilling Dates: Aug. 17 to 18, 06

Logged By: Bill/Heather

Length: ## 121.9m

Dip	-45
-----	-----

Core Diameter: BTW

Casing Depth: 4.27m

Casing:	In / Out
---------	----------

Azimuth	345
---------	-----

[illegible]

DRILL HOLE LOG
TIDD

Hole: TD-06-02

Zone:

Page 3 4

Northings: 6880892

Easting: 377955

Elevation:

Depth	121.9m
-------	--------

Drilling Dates: Aug. 17 to 18, 06

Logged By: Bill/Heather

Length: **121.9m**

Dip	-45
-----	-----

Core Diameter: BTW

Casing Depth: 4.27m

Casing: _____ In / Out _____

Azimuth	345
---------	-----

Visual Log		From (m)	To (m)	Interval (m)	Unit	Description	Sulphides				Alteration				From (m)	To (m)	Interval (m)	Sample Number	Rec. (m)	Rec. %
Visual	Struc.																			
		48.27	58.3	10.03	PHY															
		Brown-dark grey banded PHY. Weak SER. C-axis at 40deg. Occasional Ca filled frac w/ rare QTZ frac. Thinly laminated alternating brown-grey-maroon black speckled biotite(?) PHY Fol angle 40 deg. Fracture angle 70 deg. Opp to fol core axis angle. Qtz vnlts w/ minor PY. NB: Fractures are all parallel Localized patches of stronger SER ALT																		
		58.3	64.1	5.7	PHY															
		ALTERATION BREAK. Pale green-maroon PHY w/ mica flecks. Alt to mod SER alt. Small scale s/z folds. ND: @63.35m Narrow intervals (85cm) of fol parallel QF with strong SER and local CHL ALT. PY, PO in frac and dissem throughout QF.																		
		TR CPY in PO. C-axis angle 35 deg. At end of Interval mild stockwork w/ weak CHL ALTN along selv. very weak mzn. TRANSITIONAL CONTACT.																		
		64.1	66.44	2.34	PHY															
		TRANSITIONAL CONTACT into same unit as 48.27 - 58.30																		
		Thin lam grey-brown-maroon w/ spec BIOT and X-frac																		
		66.44	69.49	3.05	PHY															
		Mod SER ALT unit of prev. unit																		
		V. localized CHL ALT w/ QF w/ PY and TR CPY + PO (only in QF)																		
		Fol angle 35°. QF is C-Axis 30° 1/4 turn opp. Direction.																		
		69.49	71.55	2.06	PHY															
		Out of ALT.N, back into fresher PHY. Comment: Frac fol parallel or along steeper opp quadrant frac set. VERY VERY gradational Contact.																		
		71.55	87.48	15.93	PHY															
		Back into Mod SER ALT PHY. QF in x-cutting relationship at 72.94m with 55 deg orientation. Fol axis: 35 deg. QF w/ mod PO, minor PY, TR CPY, opp quad. Dom fol parallel QF w/ occasional x-cutting QF <0.5cm width PO, PY, TR CPY.																		
		Minor BRXX along frac, Ca and QTZ. At 81.30m fol orientation is 30 deg. NB: All PHY WEAK to MOD PYRITIC. At 82.40m wavy banded PHY, Fol angle 50 deg. Very tight S/Z folds in here ghosted fabric parallel to c-axis. Fabric passes thru folds (later fabric trying to overprint fol.)																		
		QTZ rich CHL ALT folds, w/ mzn dom PY and little PO, CPY. Folds fol parallel even when wavy.																		
		At 82.0m thin fol parallel QTZ-CHL zones with TR CPY. Incr in SX in zones. Incr QF, Incr SER ALT. Base of Interval mod to clear QF w/ minor SER ALT. All BIOT have gone to CHL.																		

DRILL HOLE LOG
TIDD

Hole: TD-06-02

Zone:

Page

Northings: 6880892

Easting: 377955

Elevation:

Depth

121.9m

Drilling Dates: Aug. 17 to 18, 06

Logged By: Bill/Heather

Length: 121.9m

Dep	
Dip	

-45

Core Diameter: BTW

Casing Depth: 4.27m

Casing:

In / Out

Dip	
Azimuth	

345

Visual Log													Azimuth		343								
Visual	Struc.	(m)	From (m)	To (m)	Interval (m)	Unit	Description	Sulphides					Alteration					From (m)	To (m)	Interval (m)	Sample Number	Rec. (m)	Rec. %
			87.48	92.97	5.49	PHY																	
GRADATONAL CHANGE back to Grey-brown-maroon PHY. Wavy banded fol steep to c-axis at 65 deg. Later overprinting shallow fol at 10 deg. QF PY dom. followed by PO and TR CPY. Primary fol is speckled unit w/ overprint of continuous band and then speckled unit terminates and is aligned parallel to later bands																							
			92.97	98.7	5.73	PHY																	
TRANSITION into pale maroon-pale green SER ALT PHY. All BIOT alt to pale CHL. Dom minor carbonate filled fractures. Fol angles 35-55 deg. Weak fol parallel QTZ zones w/ concentrated PY (mm scale). QF appears fol parallel at 45 deg. In vicinity of QF CHL ALT.																							
			98.7	108.61	9.91	PHY																	
Grey-brown-maroon BIOT PHY w. localized whit and clear QTZ in parallel and x-cutting floods. Predom PO and PY in QF zones. Pale green ALT-same colour as Epidote Appro 5 hardness (quite hard). QF zones PY, PO no CPY at all! Fractures w/in QF w/ PY and PO localized. Clear QTZ vein/frac x-cutting white QF. Fol at 35 deg.																							
			108.61	112.41	3.8	PHY																	
Frac fol parallel (dominantly). Are isolated areas of BIOT rich unit. Orientation at shallow angles to c-axis. Do penetrate steeper common fol angles. V. rare QTZ filled SER or CHL ALT (different!) relatively sharp contact. Very fq grey-pale green PHY. Pale colour likely do to SER ALT. Fine PY throughout. Fol at 30 deg. Minor Ca vnts cutting v. shallow to c-axis. 110.36 to 111.26m (.90m)QVN Strong frac zone assc. W/ white QTZ vring. No assc. SX. From end of QVN to 112.41m mod to strong CHL ALT but minimal SX assc. Minimal SX is ASPY.																							
			112.41	114.46	2.05	PHY																	
Grey-maroon-brown BIOT speckled c-axis angle 40 deg.																							
			114.46	117.66	3.2	PHY																	
SER ALT same unit as from 108.61 to 112.41, at 115m strong SER ALT coupled w/ incr in fol parallel QF dominant, x-cutting also. In areas of QF patchy PO and CPY and CHL ALT (localized).																							
			117.66	124.05		PHY																	
Coarse speckled PHY unit, pale green w/ maroon interbands. Brown bands are BIOT (most likely). Green-pale yellow speckles w. halo -mineral unknown. EOH																							