


GREW CREEK PROJECT

DIAMOND DRILL LOG

Hole No: CGK-410-1		Grid: Km 410		Claim:		Page 1 of 10	
Depth: 71.63 m		Coordinates - Northing 10+175N		Bearing: 255° Az		Date Started:	
Angle: -60°		- Easting: 21+680W		Elevation:		Date Completed:	
Core Size: BQ		Dip Tests:		Drilled by: A. CARLOS		Logged By: Robert Strusheim	

Footage		Rock Type	Alteration								Assays						% RCVRY	Description
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm			
0.00	11.55	OVBN															0	No recovery
11.55	21.15	OVBN GLACIAL TILL																Dark green brown clay rich glacial fill with exotic rounded to sub-round pebbles and boulders. Cong, shale, sst, Qz.
											11.55	13.00	1.45	056193			92%	5% pebbles & cobbles
																	5-6	apparent layering @ 12.50m @ 35° CA.
											13.00	14.50	1.50	056194			99%	13.20m - 5cm boulder of Qz Bre with fine str.
																	3	13.57 - 14.50m large boulder of m. intensely altered Qz Bre? Bre. clay matrix green altered (amphibolite?) pebbles & cobbles Qz Bre, rhy, f.g. light green thin laminated chert. An intensely altered breccia boulder held together in the till.
											14.50	16.00	1.50	056195			97%	Upper CN @ 45° Ca boulder in @ 7° Ca. Till
																		15.60m - 10cm boulder light grey green Qz breccia.
																		Visible on cutting -  fine lamination sub-parallel to core Axis

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										16.00	17.50	1.50	56196			95% 3-4	Till 5% pebbles & cobbles. Qz pebble cong., shale, altered felsic volc fra sxt.
										17.50	19.00	1.50	56197			99% 5	Till 17.9 - 18.65m accumulation of boulders with some clay fill partings and seams. Green altered brecciated felsic volcs - porphyry breccias.
										19.00	20.50	1.50	56198			99% 5	Till 5-7% pebbles to cobbles 19.55m - 10cm boulder dark grey mafic volc. with fine white calcite veins
										20.50	21.15	0.65	56199			100% 5	Till - seds pebbles cobbles - 10-12% CN @ 38°C.
21.15	71.63	SEDS															Moderately well consolidated and lithified interbedded sandstone, conglomerate and black mud(stone). Sandstone generally poorly sorted occasionally bedded dark to medium grey. Polymictic conglomerate abundant with Qz pebbles poorly sorted in sandy matrix. Mud(stone) sections may be rock openings or cracks filled with clay fill. Occass contain coaly fragments. Part of Large Scale Fault zone
30.80	65.50	FLTZ															MOST INTENSE PART OF FAULT ZONE

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From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
										21.15	22.65	1.50	56200			98%	Poorly sorted sst. - irregularly fragmented (bedrock surface) with muddy seams. Micaceous, weathered.
																5	
										22.65	24.15	1.50	56201			100%	Conglomerate Lower CN @ 68° CN.
																3-4	Qz pebble rich chaotic. Sandy matrix weathering (mud seams) (crumbly). Shale argillite and sst pebbles.
										24.15	25.65	1.50	56202			100%	Very poorly sorted sst grades to Qz pebble conglomerate weathered & somewhat broken.
																5	25° CN on graded bedding probably disrupted fragment. Sst is micaceous.
										25.65	27.15	1.50	56203			99%	Polymictic Congl. - chaotic abundant white Qz pebbles to cobbles.
																4	Decreased weathering. Black carbonaceous partings on seams. ^{irregular} 30° CN lower CN.
										27.15	28.65	1.50	56204			95%	SST → Conglomerate
																4	27.40 - 28.00m. irregular fractures infilled with dark grey mud and pebbles 1-10cm sub-parallel to core to 45° on fractures mud/clay is carbonaceous. 47° CN carbonaceous.
										28.65	30.15	1.50	56205			100%	Interbedded Congl & SANDSTONE
																4-5	cong - sst - congl. SST 29.15 - 24.65 m. dark grey matrix - micaceous mud seams dark grey. fine white/brown calcite.

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From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
										30.15	31.65	1.50	56206			85%	30.80 - 31.20m ^{mud} fault clay, sandy
																5	30.15 - 30.80m Cong
																	30.80 - 31.65m poorly sorted SST.
										31.65	33.15	1.50	56207			98%	31.80 - 33.35m mud filled fault fracture
																4	- with frags of cong & SST. S.
																	Upper CN @ 30° CA
																	Lower CN @ 23° CA.
										33.15	34.65	1.50	56208			95%	33.35 - 33.50m - SST.
																5-6	33.50 - 34.30m - mud fill fault zone with frags cong, sst & coal.
																	34.30 - 34.65m - Conglomerate
										34.65	36.15	1.50	56209			99%	34.65 - 35.10 m - Congl.
																5	35.10 - 35.40 m - mud fracture.
																	35.40 - 35.60 m - SST
																	35.60 - 36.05 m - mud filled fracture. low CN.
																	36.05 - 36.15 m - Congl.
																	CN on mud-filled fractures irregular and generally acute to CA.
										36.15	37.65	1.50	56210			99%	Polymitic Congl.
																7	mud-filled fractures
																	① 36.15m - 3cm upper CN irregular lower CN @ 32° CA.
																	② 36.35m - 7cm upper CN @ 34° CA lower ground.

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From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
										37.65	39.15	1.50	56211			92%	37.65m - 37.95m - coral
																6	37.95m - 38.05m - irregular mud-filled fract.
																	38.05 - 38.35m - poorly sorted SST. wavy calc
																	38.35 - 39.25m - mud-filled crack with coarse rock frags generally sub-round larger frags sub-angular.
										39.15	40.65	1.50	56212				39.30 - 39.60m - mud-filled fracture coarse sub-angular frags, SST, congl. ss
																	Sub-parallel 1cm seam to mass mud
																	39.60 - 39.85m - poorly sorted SST
																	39.85 - 40.0m - mud-filled fracture upper CN @ 60° CH
																	lower CN @ 43° CA.
																	40.0 - 40.15m - SST with calcite stringer in dendritic distribution and angular in filling rhombs.
																	45° CA on 1cm stringer
																	40.15 - 40.65m - mud-filled fracture with coarse frags sub-angular SST contain calcite stringer
										40.65	42.15	1.50	56213			99%	Mud-filled fracture zone with fine to coarse frags predominantly SST often with fine white calcite 50% fragments

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From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
										42.15	43.65	1.50	56214			97%	42.15 - 42.60m - Mud filled fracture cont'd.
																6.	lower cal @ 22° CA.
																	42.60 - 43.65 Bx dark grey sst micaceous mud on hair line fractures and fine white calcite stringers.
										43.65	45.15	1.50	56215			100%	Clay-filled fracture zone with variable
																5	size fragments of sst, congl and w/ apparent layering $\approx 30^\circ$ CA.
																	Calcite stringers on frags.
																	50% frags.
										45.15	46.65	1.50	56216			97%	Fracture zone cont'd
																4.	35% frags. calcite
																	46.50m - Deformed conglomerate
																	dark grey waxy partings.
																	sst, congl. coal.
										46.65	48.15	1.50	56217			95%	FRACTURE ZONE CONT'D
																5	46.65 - 47.05m Deformed polymineralic congl.
																	carbonate stringers in fragments.
										48.15	49.65	1.50	56218			98%	FRACTURE ZONE CONT'D
																6-7	Dominantly dark grey micaceous sst Bx with abundant carbonate stringers
																	49.25 - 49.55m conglomeratic carbonate stringers.
																	49.60 - 49.75m coaly mud seam
																	Upper cal CA @ 80° lower cal CA @ 65°.

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From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm		
										55.65	57.15	1.50	56223			92%	Conglomerate grades to poorly sorted coarse SST and back to congl. micaceous clay seam at 57.0m? lost core.
										57.15	58.65	1.50	56224			100%	57.15 - 58.20m - congl. to coarse poorly sorted SST
																4-5	58.20 - 58.65m - mud-filled fracture - clasts of SST. CA at CN - irregular $\approx 80^\circ$
																	weakly laminated mud @ 28° .
																	carbonate (brown) stringers in sandy sections
																	SST - congl - micaceous
										58.65	60.15	1.50	56225			100%	Micaceous dark grey SST with mud-seam
																6	and BRX.
																	58.65 - 58.75m - mud-filled fracture cont'd.
																	58.83 - 59.0m - mud-filled BRX - SST
																	35° CA at 59.0m shape well defined
																	59.30 - 60.15m mud-filled fracture & SST BRX
																	micaceous
										60.15	61.65	1.50	56226			98%	60.15 - 60.30m - dark grey SST calcite stringers.
																5-6.	moderate stockwork
																	60.30 - 61.23m - SST BRX and dark grey
																	mud-filled fractures - SST and coaly fragments calcite string stockwork in
																	SST frag. up to 7cm.
																	Upper CN conchoidal $10-45^\circ$ CA.
																	Lower CN irregular @ 60° CA.
																	60.92m - sharp mud seam contact @ 40° CA.

Footage		Rock Type	Alteration							Assays					% RCVRY	Description	Page No.	9 of 10
From (m)	To (m)		S	A	C	Se	Py	Qv	T	From (m)	To (m)	Width (m)	Sample No.	Au ppb			Ag ppm	
											61.65	63.15	1.50	56227			9.8%	61.65-62.05m polymitic congl.
																	6.	62.05-62.12m mud-filled fracture
																		upper CN irregular @ 51° CA
																		lower CN sharp @ 32° CA
																		62.12-62.65m conglomerate
																		62.65-63.15m mud seam with SST and congl. frags
																		upper CN irregular @ 7° CA
											63.15	64.65	1.50	56228			98%	Mud-filled fracture with congl and
																	6.	SST clasts up to 10 cm sub-rounded to angular. ~ 50% Calcite strgs in SST f.
											64.65	66.15	1.50	56229			95%	mud-filled fracture w/ SST & congl clasts
																	6.	65.85-66.15m large poorly sorted SST clast 5-7% Calcite strgs & streaks
											66.15	67.75	1.60	56230			97%	mud-filled fracture cont'd. w/ congl & SST
																	6.	frags. END of FAULT
																		67.00m sand seam fine orn brn limonite grains 5-7% Calcite strgs in SST frags.
																		Lower CN @ 40° CA - sharp.
											67.75	69.50	1.75	56231			99%	Polymitic QZ pebble conglomerate
																	6.	Weathering - from proximity to fault zone
																		86.10-86.25m - mud-fill fracture CN well defined with graphitic surfaces
																		Upper CN 45° CA lower at 32° CA opposite

