GREW CREEK PROJECT — DIAMOND DRILL LOG

Hole No.: GC-94-160	Grid: MAIN / NORANDA	Claim: CANYON 1 YA 75717	Page 1 of 9
Depth: 83.8	Coordinates – Northing 9+920 N	Bearing: 200° / Grid South	Date Started: October 13/94
Angle: -50°	– Easting: 10+075 E	ELEVATION: 840 m	Date Completed: October 15/94
Core Size: HQ	Dip Tests: ——	DRILLED BY: E. CARON D.D. / LONGYEAR 38	Logged By: Robert Stroshein

Footage From (m)	Footage To (m)	Rock Type	Alteration S	A	C	Se	Py	Qv	T	Assays From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	% RCVRY	Description
0.00	5.49	OVB															Overburden - black organic mucky glacial till and weathered felsic tuff bedrock.
5.49	16.80	S&P															Dark grey crystal lithic tuff. Strongly weathered carbonaceous clay/argillic alteration Brecciated / Fractured.
				P					W	5.49	9.14	3.65	21460	41	0.4	5%	Orange weathering black crystal lithic
																10	tuff limonite clay as coatings on fracture surface.
				P					W	9.14	11.50	2.36	21461	227	0.7	5%-10%	Intensely weathered dark grey tuff.
																85%	
																10.66-11.50m.	
									W	11.50	13.00	1.50	21462	208	0.7	75%	Rare whole core. Pcs up to 16cm.
																9	Weathered core to 12.00m - competent to
																	end of section

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Footage From (m)	Footage To (m)	Rock Type	Alteration S	A	C	Se	Py	Qv	T	Assays From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	% RCVRY	Description
				P						13.00	14.50	1.50	21463	148	0.5	75%	Competent whole core to 13.50m up to 19cm
									W							5	Intensely clay weathered over 1.5m in dia
				P					W	14.50	16.00	1.50	21464	57	0.2	50%	Intense clay weathering
																9	15.05 - 15.24m - drab pale green clay BX.
				P					W	16.00	17.50	1.50	21465	112	0.3	45%	Lost core 16.60 - 17.40 m.
																	Intensely clay weathered
																	Recovered clay sausages up to 20cm
16.80	18.60	IVOL															Pale drab green intensely clay altered intermediate volcanic White to cream calcite clasts rounded
18.60	23.80	FAULT ZONE								Black & Tan clay leopard spts							Upper CN @ 15° C.A. Black, pale drab green and grey clay fault zone. Coarse fragments of black vitric ash tuff, SSP tuff and intermediate volcanic.
				P	M				W	17.50	19.00	1.50	21466	36	0.1	70%	Whole clay sausages up to 42 cm. Core lost throughout most from 18.70 - 19.00m.
				P					W	19.00	20.50	1.50	21467	114	0.3	60%	Clay weathered fault clay zone. 19.00 m - 10cm fragments of black vitric tuff Black and drab green clay sub // C.A.

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Footage From (m)	Footage To (m)	Rock Type	Alteration S	A	C	Se	Py	Qv	T	Assays From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	% RCVRY	Description
				P					W	20.50	22.00	1.50	21468	60	0.1	65%	Clay sausages up to 18cm. S&P tuff fragments up to 6cm within clay fault matrix
									W	22.00	23.80	1.50	21469	68	<0.1	63%	Clay sausages up to 30cm. Black vitric ash tuff with leucocratic clast in 22cm fragment in clay fault zone @ 22.86m Lost core 23.20 - 23.80m.
23.80	27.35	RHY FAULT ZONE															Intensely clay weathered & brecciated creamy grey-white quartz eye rhyolite Fault zone continued. Lower contact lost core - clay seam? Bx matrix stringers of very fine grained brassy grey sulph
				P			TR Str		W	23.50	25.00	1.50	21470	581	0.8	72%	Lost core 23.50 - 23.80m. Bx intensely clay altered & weathered Rhyolite Clay sausage up to 19cm.
				P			TR Str		W	25.00	26.50	1.50	21471	378	0.7	58%	Clay sausages up to 23cm. Light creamy green clay seam 10cm @ 26.50m.
				P	Tr		TR Stg		W	26.50	28.00	1.50	21472	62	0.2	80%	Clay sausages to 27.20. Competent but still strongly clay altered.

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Footage From (m)	Footage To (m)	Rock Type	Alteration S	A	C	Se	Py	Qv	T	Assays From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	% RCVRY	Description
27.35	35.95	I.VOL															Pale drab olive green intermediate volcanic tuff, tuff breccia Altered mafic volcanics?
																	30.50 – 34.50m - Black and tan tuff breccia Black patchy matrix (vitric) and tan to pale grey green IVOL clasts Black matrix up to 15%.
					P					27.35	31.00	3.65	—			87%	Moderately broken core with whole core
					ST				W							4	pcs up to 17cm.
																	Local weathering BNS
																	29.05m - calcite & clay seam 3cm @ 80° C.A.
																	29.60m - 29.90m - Clay weathered BN in Bx zone CN @ 42° C.A.
					P					31.00	32.00	1.00	—			100%	Whole Core. Pcs up to 23cm
					Wk											2.	Competent core zone
				P	P				W	32.00	34.50	2.50	—			80%	Clay weathered zone. Somewhat broken core.
					St											7.	Some clay with "sausages" up to 15cm.
										34.50	35.95	1.45	—			87%	whole competent core to 35.40m pcs up to 25cm
																1/8	broken to lower CN @ 61° C.A.

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Footage From (m)	Footage To (m)	Rock Type	Alteration S	A	C	Se	Py	Qv	T	Assays From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	% RCVRY	Description
35.95	43.60	S&P															Clay rich heterolithic fault zone
		TUFF															35.95 – 36.35m
35.95	36.35	FAULT															Intensely brecciated and weathered tuff
																	to 38.40m.
																	Dark grey crystal lithic tuff
																	- carbonaceous content
					TR				W	35.95	37.50	1.55	21473	68	0.3	100%	Brecciated clay weathered tuff
																	Clay rich "sausages" up to 34cm.
					M				W	37.50	39.00	1.50	21474	40	0.3	80%	Decreasing clay weathering effect
																	loosely Bx tuff Whole core pcs up to
																	20cm
					WK				W	39.00	40.50	1.50	21475	51	0.4	100%	Whole core Pcs up to 20cm
																3-4	Weakly Bx Clay weathering
					WK				W	40.50	42.00	1.50	21476	76	0.4	99%	Whole core. Pcs up to 29cm
																3	Wk Bx patchy moderate clay weathering
									W	42.00	43.60	1.60	21477	56	0.5	90%	Whole core with minor broken sections
																3	Pcs up to 40cm. Moderate patchy
																	clay weathering

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Footage From (m)	Footage To (m)	Rock Type	Alteration S	A	C	Se	Py	Qv	T	Assays From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	% RCVRY	Description
43.60	45.75	FAULT ZONE								43.60	45.75	2.15	21470	13	0.1	95%	Intensely brecciated and clay weathered IVOL and S&P Tuff. Whole clay rich sausages up to 30cm. 43.60 - 44.28m - Competent IVOL. Tuff BX 44.28 - 45.10m - Intense clay altered & weathered brecciated S&P tuff. 45.10 - 45.75m IVOL clay seam.
45.75	50.55	IVOL			P							4.80				94% 2-4	Pale green, tan, red brown intermediate tuff and tuff breccia Calcareous with abundant angular white calcite clasts and fine white to creamy stringers. Fine grained massive to heterolithic clastic tuff with red brown matrix. Rare fracture sections Lower CA @ 24° C.A.
50.55	53.60	IVOL IHAH			W							3.05				99% 2	Heterolithic dark grey ash tuff. Variable clasts in dark grey to black ash tuff matrix Clasts of lithic to lapilli size include andesite, S&P tuff, rhyolite and qtz eye rhyolite. 52.48 - 52.80m - fine grained pale green intermediate tuff BD @ 29° C.A upper and 52° C.A lower. Competent whole core. Rx up to 42cm Lower CA @ 24°.

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Footage From (m)	Footage To (m)	Rock Type	Alteration S	A	C	Se	Py	Qv	T	Assays From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	% RCVRY	Description
53.60	60.90	DIABASE			P				CB			7.30				98%	Medium grained locally "Bird's Eye"
					VW											4	texture gabbro / Diabase stock
																	Abundant sopiy calcite stringer
																	stockwork 5-10% locally
																	Variably altered to pale green
																	locally weakly altered at dark green
																	55.80 - 56.00 m - fracture zone.
																	56.38 m - 10cm BN of dark grey xAc lithic
																	tuff.
																	59.30 - 59.75m - Clay weathering zone
																	60.10 m 10 cm BN (xenolith) of S&P tuff
																	60.50 - 60.70m - Clay seam fault zone
																	Lower CN @ 60° C.A.
																	56.70 - 56.83m - compositional layering (BN @ 58° C.A.)
60.90	64.40	FAULT ZONE							W			3.50				65%	Clay rich weathered kaolinite fault breccia zone. Clay sausages up to 17cm.
																	Lower CN @ 25° C.A.
																	Darker grey clay with variable clasts
																	rounded to sub-angular of S&P tuff and
																	minor intermediate volcanic clasts.

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Footage From (m)	Footage To (m)	Rock Type	Alteration S	A	C	Se	Py	Qv	T	Assays From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	% RCVRY	Description
64.40	71.70	IVOL														98%	Heterolithic lapilli tuff 90% +
																2-3	lapilli fragments in fine grained dark
																	grey ash tuff matrix. Lithic and
																	lapilli clasts of andesite tuff, dark
																	grey argillite, S & P tuff, rhyolite
																	and rhyolite porphyry.
																	Clay argilic alteration of felsic clast
																	with Sericite and pyrite alteration.
																	lapilli and lithic clast ~~rounded~~ to
																	sub angular.
																	Minor sections of clay weathering
																	71.45m - 5cm black vitric ash BN
																	underlain by 20cm of BN ~~light~~
																	green fine grained andesite tuff
																	@ 57° C.A
																	lower contact 2cm white & light grey
																	clay seam @ 45° C.A.

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Footage From (m)	Footage To (m)	Rock Type	Alteration S	A	C	Se	Py	Qv	T	Assays From (m)	To (m)	Width (m)	Sample No.	Au ppb	Ag ppm	% RCVRY	Description
71.70	80.77	CLP Tuff														99% 2.	Medium grey brown crystal lapilli tuff. Prominent lapilli of light green rhyolite porphyry. Minor angular lapilli of andesite, and sediments and carbon frags
				F Wk		TR				77.50	79.00	1.50	21479	17	0.2	100% 2	Coarse white spotted light green lapilli fragments of rhyolite porphyry, diffuse and highly irregular fragment borders.
				F Wk		TR				79.00	80.77	1.77	21480	15	0.1	100% 2.	Lapilli tuff. Weakely Bk with fine clay seams
	80.8	EOH	ENO	OF	HOLE												