



DIAMOND DRILLING

TOWNSHIP: ELMHIRST

REPORT NO: 15

WORK PERFORMED FOR: Goldteck Mines Lid.

RECORDED	HOLDER:	Some as	Above	xx]
	*	Other		1	İ

Claim No.	Hole No.	Footage	Date	Note
TB 907504	87×3 87×8	656 ¦ 603 !	Nov / 87 Nov / 87	(1)

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					GREATER TEMAGAMI MIN DIAMOND DRILL LOG AND S.	ES LIM AMPLIN	ITED G RECORD		A	28.9	8 1983	H P	ole #:	87-3 1_of_4
Job: Prope Twp/Pi Locat:	Beardmo rty: <u>1</u> rov.: ion: Noi	ore N.T.S Wilkinson Elmhirst rth :	.: Lake , Ontario 0+00 N	Drilled By: Commenced: Completed: Length:	Motherlode November 26, 1987 November 28, 1987 (656') 200. m		Core Loca Core Size Remarks:	tion:	R Bear BQ	Gmbre	<u>V E</u>	D Tests: Coller: <u>307'</u> <u>657'</u>	Dip 60.5° 60°	Azimuth
	We: Ele	et :	0+40 W	Logged By: Date:	S.M. Pudifin		Claim No:	907	501					
From (m)	Το (m)	Width (m)		Description			e From (m)	To (m)	Width (m)	Au ppb		Sample Da	scription	n
0	13.41	13.41	Casing			68090	13.59	13,95	.36	75	-c. gr. -epidot	porph. rh	yodacite diss. f.	.gr.sul.
13.41	16.70	3.29	Rhyodacite - Weakly porphyr aphanitic with -coarse gr. in	itized; med. gre fine grained fe terval from: 13.	ey to buff gen. massive eld. phen.; 59-13,95m	68091	16.45 49.45	16.70 50.00	.25	13 7	-altera ± serio -altera -tourma	ed calcite- cite; diss. ed bleached aline 25-30	epidote sulphide silicif: °to c.a	qtz vein; es. ied. •
			-rubble from 1 -thin granular -qtz epidote & 16 45-16 70m	4.30 to 14.50m calcite veinlet calcite veinlet	ts present t causing bleaching from	68093 68094	50.90 51.65	51.65 53.08	.75	169 29	-silici diss. -silici	ified qtz c sul.(2cm w ified seric	alcite vo ide @ 40 ite ± ep: diss. su	ein with ° to c.a.) idote lobides.
			calcite vein -f. gr. diss.	py, po ± cp in c	15° to core axis; sulphides replacing y, po ± cp in c. gr. zone & altered zone.		53.08 54.53	54.53 55.98	1.45	36	-silici tourm	ified epido ? diss. m. ar to above	te, serie c. gr. p	cite, calo y.
16.70	50,90	34.20	Rhyodacite - Strongly porph massive. -Top of interv	<pre>vodacite ~ vodacite ~ vodaci</pre>			57.54 59.88 72.45	58.31 60.21 73.10	.77 .33 .65	34 54 608	-simila -rhyoda -contor massiv	ar to above acite with rted qtz ve ve of f. gr	qtz calc in, carb • py•	ite vein onate
			subhedral to phenocrysts.	feldspar grading	g into med. to f. gr. feld.	68602 68603	74.87	75.35 83.17	.48	603 315	-silici	ified, frac alcite veir	tured, q 20° to	tz vein c.a.

68604

68605

68606

68607

99.75

102.05

108.10

109.62 109.97

100.79

103.10

109.22

35 -epidotized rhyodacite saluon col.

B -qtz calcite veins @ approx. 45° to

c.a. wit c. gr. po & tr p. 5 -along gtz calc. vein (20° to c.a)

32 -fractured; epidote masses

alteration.

1.04

1.05

1.12

.35

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-calcite veins often subparallel to c.a. & fractures coatings is common; minor to negligible epidote; feld.

and adjacent to qtz calcite veins.

sometimes altered to epidote or it occurs in veinlets

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
			-from 44.35 to 45.30m minor chloritic selvedges	68068	131.60	/33.38	1.78	203	as fractures coating.
			-sulphides are generally f. gr. diss. & sparsely scat- tered throughout interval; more abundant sulphides conceatrate in some qtz-calcite veinlets (py, po) -v. f. gr. "salt & pepper" - looking diorite(?) from 30.60 to 31.54m; upper CTC is qtz vein approx. 90° to c.a., approx. 4cm wide, with gauge @ upper qtz CTC.	2 68069 68070 68071	133.38 134.77 136.17	e coarser 134.77 136.17 137.14	graine 1.39 1.40 .97	36 1108 958	-shear zone with diss. py. -f. gr. diss. py in shear/not in qtz. -as above; qtz veins -as above; qauge, qtz vein
50.90	58.31	7.41	Silicified zone -	68072 68073	137.14	138.47	1,33	415 258	-qtz vein; v. f. gr. py in microfra -qtz vein in chl-sericite slips
			Rhyolite-rhyodacite; fractured brecciated; intensely silicified with common greenish epidote as well as wisps of v. f. gr. black mineral which could be tourmaline; sericite is common; calcite commonly coats fracture sur- faces; sulphides are generally fm.gr. and disseminated in calcite rich zones up to 1%.	68074 68075 68616 68617 68618 68611	140.19 141.73 161.87 186.20 190.30	141.73 142.75 163.00 187.00 191.20 150.60	1.54 1.02 1.13 .80 .90	700 135 5 143 5	-shear zone -as above -silicified rhyodacite with epidote replaced with py. -qtz-calcite vein. -qtz vein
58.31	70.75	12.44	Rhyo-dacite-dacite - Strongly porphyritic with non-porphyritic intervals of dacitic rock. -qtz-calcite vein (5cm wide) from 59.88-59.33 -calcite veins common; generally subparallel to c.a.; generally massive -f. gr. diss. py up to 2%	68612	150.60	151.45	.85	5	
70.75	74.23	3.48	Dacite - Carbonatized; med. grey; f. gr. to aphanitic; locally brecciated from calcite veins; contorted folded qtz vein @ approxx. 72.60m (approx. 40° to c.a.) -f grm. gr. masses of diss. py in altered foliation zone up to 5%.						
74.23			Rhyo-dacite to dacite - Strongly porphyritized with altered, bleached solicified zone (from 74.90 to 75.35m) hosting diss. py up to 3%.						

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GREATER TEMAGAMI MINES LIMITED

DIAMOND DRILL LOG AND SAMPLING RECORD

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From (m)	To (m)	Width (m)	Descript ion	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
			 -patchy zones of epidote; often host py. -qtz-calcite veins common such as @: 83.05m @ 20° to c.a. (approx. 1cm wide); 86.55m @ 25° to c.a. (approx. 0.5cm wide). -100.75-101.35m: f. gr. intensely carbonatized with abundant f. gr. tourm(?) (non-porphyritic). -sulphides are sparsely diss. throughout interval, sometimes along fractures py is more abundant above 110.0m. -po is more frequently observed below 110.0m. -weakly defined "flow-banding" in lower 1/4 of interval usually varies between 45° to core axis and 80° to c.a. 						
129.55	131.40	1.82	Altered Rhyodacite - Non-porphyritic to weakly porphyritic -moderately silicified with up to 2% diss. clusters of py, locally; minor sericitic alteration; develops @ foliation towards lower CTC @ approx. 45° to c.a.						
131.40	142.75	11.38	<pre>Shear Zone - Strongly foliated @ 45°-50° to c.astrongly sericitized with patches of calcite as well as qtz veins and lenses throughout: 134.79-134.82m: White qtz vein (1.8cm wide) @ 30° to c.a.; causes contortions in foliation. 134.97-135.22m: Qtz vein approx. 85° to c.a. (contor- tion at lower CTC and brecciated qtz vein) 137.10-139.95: Qtz vein (approx. 90° to c.a.) -f. gr. diss. py occurs in chl-sericite slips within the sulphides (py) occur in the sericitic shear.</pre>						
142.75	179.90	37.15	Rhyodacite to dacite - Weakly porphyr. to non-porphyritic; med. grey; f. med. grained. -moderate sericite at upper contact with some silicifi-						

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
			cation, sericite is ubiquitous in patches and along fracture surfaces. -tr to approx. 1% f. gr. patches of po with tr cp and approx. 0.5-1% py is diss. throughout interval; massive py was noted in a sericitic-epidote rich wisp (161.87- 163.00m) and massive po @ 166.75m. -qtz-calcite vein (approx 2cm wide @ 10° to c.a.) from 170.35-170.85m as well as sub parallel to c.a. from 171.98-172.64m. Weak foliation @ 175.70m = 40° to c.a. Lower most 35cm is mafic and inteensely carbonatized with lower unit.						
179.90	182.27	2.37	Porphyry - Strongly porphyritic with coarse gr. (up to 3mm diameter phenocrysts (approx. 30%); probably dacitic in com- kposition; massive; lower CTC is approx. 85° to c.m.	3					
182.27	200.00	17.73	Rhyodacite - Weakly porphyritic; f. gr. to aphanitic -qtz-calcite vein @ 186.20-187.00m lower & upper CTC @ approx. 15° to c.a.; hosts massive blebs of po within the vein approx. 15% & massive cp blebs approx. 1% (assoc. with po). -White qtz vein @ 25° to c.a. from 190.43-190.58m; hosts subhedral blebs of cp with tr po, py. -tr f. gr. diss. py throughout interval -more sericite-epidote veinlets & patches towards bottom of hole. 200.00 E.O.H.						

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				GREATER TEMAGANI MIN DIAMOND DRILL LOG AND S	ES LIMI AMPLING	TED RECORD		APR	22 1	868	Ho Pa	ole #:	87-8 1_of_4
Job:_ Proper Twp/Pr Locati	Beardmo ty: <u>W</u> ov.: on: Nor Wes Ele	ore N.I.S <u>//KinSon</u> Elmhirs th : st : evation:	.: / <u>aKe</u> t, Onterio 0+53 N 0+80 W	Drilled By: <u>Mother/ode</u> Commenced: <u>December 8, 1987</u> Completed: <u>December 10, 1987</u> Length: <u>(603') 183.90m</u> Logged By: <u>S.M. Pudifin</u> Date:	Core Location: <u>Fi EBGardmdre' E D</u> Core Size: <u>B0</u> Remarks: Claim No: <u>907501</u>					ests: Coller: 307' <u>607'</u>	Dip 60° 61° 	Azimuth 	
					I	<u></u>							
From (m)	To (m)	Width (m)		Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb		Sample Des	eript ior	ו
D 2.10	2.10 29.75	2.10 27.65	Casing Dacite - Med. gr.; med.	greenish grey; feld. phenocryst almost	68739 68740	2.10 16.10	3.35 17.00	1.25 0.90	<5 <5	-n. gr. chesters of py diss. in epidote patches. -fine diss. py in vuggy silicit zone; fracture fill.			ilicified
			completely alte fracture surfac ation; tr. tour M-f. gr. cluste	rated; generally massive; calcite along es; minor chlorite and epidote alter- maline. rs of py up to 3% occur in epidote-rich	68741 68742 68743	27.00 33.83 46.01	27.65 35.33 46.96	0.65 1.50 0.95	54 <5 10	-qtz ca diss. -py alc -calcit	lcite vein parallel fo ong fracture e - sericit	(cm wide bliation. e shear;	e) sheared diss py
			19.10-20.25m: F i 0	o lines fractures. ragmental; approx. 5% angular felsic and ntermediate volcanic fragments (approx. .2-1cm diam.).	68745	5 2.75	64.30	0.60	5	-altere epidot -altere epidot	d fragments e fragments d fragments e fragments	al tr tou a. al tr tou a.	ırmaline; ırmaline;
			26.62-27.65mt v f a	• f. gr. with no feid. phonocrysts; oliation developped from qtz-calcite vein nd weak shear @ 55° to c.a.; f. gr. py up	68750	67.45 73. 2 0	73,30	0.30	12	-in qtz -locall blebs.	-calcite st y 2% py in	qtz veir	& Dieds n; massive
29.75	37.60		t Altered dacitic	o 4% locally, diss. along foliation. fragmental -	68751 68752	77.96 80.50	78,70	0.74	+ 51	-calcit diss. -shear;	e & chlori qtz-calci	e vein (e string	(5cm wide) gers.
			Blotchy; med. g epidotized patc fragments.	reyish; fmed. grained; silicified, hes; fractured chloritic blebs; felsic	68753 68 _, 754	82.95 97.95	83.25 98.70	0.30 0.75	11 9	-calcit -lensea silici	e lense; ch of sulphic fication &	l.; epic les assoc blue gtz	dote diss. c. with z lenses
			31.90-35.52m: B crysts are more	imilar to 29.75-27.65m but feld. pheno- euhodral and broken (crystal tuff?);	68656	106,86	108.20	1.34	24 5	-mod. e -40° to	hear-serici	te-chl. te dacit	te
			Py occurs as di fracture from 3	ss. grains and concentrates along 3.83 to 35.33m.	68658 68659	109.64	111.00 112.38	1.36 1.38	5 33	-shear -shear-	intense-cor chlserici	ntracted te; dise	3.

Hole #: <u>87-8</u> Page: <u>2</u> of <u>4</u>

GREATER TEMAGAMI MINES LIMITED

DIAMOND DRILL LOG AND SAMPLING RECORD

From (m)	To (m)	Width (m)	Descript ion	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
37.60 46.96	46 . 96		<pre>Dacite - Med. greyish-green; aphanitic-porphyritic; clacite veins common; commonly epidotized patches and chlorite; grades into massive felsic rock; 46.01-46.96m: Calcite wisps in fracture zone; minor local brecciation from qtz stringers. Finely dissemiated p up to 0.5% Decite fragmental intercalcted with massive porph. dacite Med. grey; f.gr. with coarse subrounded felsic fragments (3mm to 12cm); some fragments are epidotized; calcite wisps and veinlets common; minor chlorite. Pyrite minor generally occurs as thin fracture coatings; po occurs as blebs and dissemination in epidotized fragments and patches.</pre>	68660 68661 68662 68663 68664 68665 68666 68667 68668 68669 68670 68755 68755	112.38 113.82 115.20 116.56 118.17 118.49 119.73 120.85 122.33 123.77 130.37 141.60	113.82 115.20 116.56 118.17 118.49 119.73 120.85 122.33 123.77 125.17 130.78 142.90 147.95	1.44 1.38 1.61 0.32 1.24 1.12 1.48 1.40 0.41 1.30 0.35	9 15 134 360 501 154 815 61 14 5 173 <5	-shear intense; diss. py -shear intense; thin qtz lense -shear sericitic qtz lenses common -shear sericitic qtz lenses common -shear qtz vein 40° to c.a. -shear chloritic-qtz lense -shear: sericitic /030/985 -mod. sheard calcite veinlets -edge of shear; silicified -edge of shear; silicified -slightly sheared from two qtz veins; po along selvedge -silicified epidote zone massive & disseminated. -silicified epidote zone massive
67.45	68.65	20.83	Dacite - Med. grey; aphanitic-porphyritic c. gr. narrow weakly foliated zones as result of qtz-calcite veins; chlorite and minor sericite common along fracture. Surfaces; traces of epidote py occurs as fine diss. and fracture coatings (up to 2%). Foliation: 70.20-70.50m @ 30° to c.a.; qtz-calcite vein (1cm wide) from 73.20-73.70m @ 15° to c.a.; 77.95-78.07m interflow banding @ 60° to c.a.; 78.51-78.59m calcite @ 35° to c.a.; 81.30-81.65m @ 35° to c.a. (minor shear) qtz: 82.95-83.25m @ 35° to c.a. Soft med. green chlorite band with tr po from 76.34- 76.36m @ 55° to c.a. (upper CIC is qtz-rids; host calcite fragment).	68757 68758 68759 68760	149.70 156.75 157.45 182.65	150.33 157.07 158.90 183.50	0.63 0.32 1.45 0.85	5 7 12 9	& disseminated. -po bleb in calcite vein -diss. py in epidote zone -blebs & diss. py @ 35° to c.a. -coarse gr.; bleb & diss. of po with ± py, cp diss. -bleached felsic intervals + po
89.48	90.00	.52	Mafic inclusion (diabase) - f. gr. dark green; mainly chlorite and calcite; upper CTC to c.a. is 70° (sharp uneen); aphitic texture.						

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
90.00	106.35	16.35	Dacite - Similar to 68.65-89.48m but less phenocrysts (finer grained); upper CIC is "chilled" from mafic inclusion; interval is more fractured and hosts silicified patches with blueish qtz lenses and 2-3% po and 1% py from: 97.95 to 98.70m. - abundant calcite veinlets in lower 3.0m.						· ·
106.35	121.80	15.45	<pre>Siliceous Chlorite-sericite schist shear zone - Altered dacite; mainly f. gr. siliceous rock with abundant chlorite and sericite; calcite wisps paralled to foliation common. Foliation: approx. 40-45° to c.a. (qtz & calcite lenses common; more sericite) 117.76-118.17m: Whitish qtz; minor (0.25%) py diss. in chloritic fractures Sulphides are predominantly f. gr m. gr. disseminated along the foliation.</pre>						
121.80	133.20	11.40	Altered dacite to rhyodacite Fragmental - Med. light grey; f. gr. silicified patches with felsic subrounded fragments (up to 5cm diam.); f. gr. diss. py & po common. 130.50 to 130.55 and 130.65-130.70m: Qtz veins 2% po concentraces along selvedges -50° and 40° to c.a.; respectively. Generally massive; wk foliation developped from 132.30- 133.20m @ 45° c.a.						
133.20	183.90		Dacite - Med. grey; ephanitic intervals grading into ophanitic - porphyritic zones; calcite veinlets & fracture coatings common; f. gr. diss. po and py present. Altered sections host silicified patches with epidote.						

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From (m)	To (m)	Width (m)	Description	Sample No.	From (m)	To (m)	Width (m)	Au ppb	Sample Description
			141.60-142.90m; 147.60-147.95m; 149.80-150.33m; 152.80- 153.00m; 156.85-156.95m sheared silicified interval with PV•						
			From 166.68 to 182.64m: coarse feldspar porphyry intercalated with v. f. gr. mafic (chlorite & calcite) intervals @ 175.80-176.45m and 176.98-177.03m; contacts at approx. 85° to c.a.						
			183.90 E.O.H.						
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Glather	(29)								

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Ministry of Re	DOCUMEN	NT NO 246				
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other Lateral Work.	907504	200				
Power driven or - mechanical equip.	907506	200				
Power Stripping	973934	200				
Diamond or other Core drilling			, .			
Land Survey						
All the work was performed or	n Mining Claim(s):	76 907501	Ana assim	meet : 1059	down Arene	-2944
Required Information eg:	type of equipment, Names,	, Addresses, etc.	(See Table Below)	C		
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I hereby certify that I have or witnessed same during ar	a personal and intimate knowle	edge of the facts set	forth in the Report of W	lork annexed hereto,	having performed the wr	ork
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ELMHIRST TP.

SCALE: 1 INCH + 40 CHAINS



GOLDTECK MINES LTD.

WILKINSON LAKE GROUP



TB 16392

0 8 13393

TB13384







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