AURUM GEOLOGICAL CONSULTANTS INC. DIAMOND DRILL LOG HOLE No. 95-01 Page 1 of 8

Property MINTO	NTS 115I/11	Claim	Elevation 3072	Azimuth 000	Length 297 FT.	Dip -90
Coordinates N: 11272 E: 4162	Dip Tests	Advance	Depth	Date Collared 15/SEPT/95	Date Completed 16/SEPT/95	
Purposes INVESTIGATE MAGNETICS ANOMALY		Drilled by CARON DIAMOND DRILL	Assays by	Logged by F. ANDERSEN		

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION	Interval From	Interval To	Core Width	Sample No.
6	341	94	0.22	0-6 OVB; cG - equigranular med-coarse gr. blotchy biotite granodiorite; 20-25% bi - trace to 1% altered to ep around edges and replacing cores; 0-25% interstitial clear qz; 50-60% fp - plag > orthoclase; tr pinkish to orange brown limonite along fractures, fractures 40° T.C.A hairline; v. wk alignment of bi clots - wk lineated; ; cut by <1cm wide intrusive feldspar dykes 40° T.C.A coarse grained exhibits chilled margin of 1-2cm width in eG footwall contact; contacts sharp; ; tr. hairline epidote fractures; ; at 16.5' unit becomes v. weakly blotchy grain, location defined by presence of bi clots 0.5-1cm size 45° T.C.A; start getting 2-5cm pinkish grey euhedral alkali feldspar megacrysts (orthoclase); ; increased replacement/alteration of biotite with trace epidote and 5-15% chlorite; possible phlogopite (brownish green colour) after biotite; ; fracturing increases at 28'; avg piece of core is 8cm ; slight increase in limonite content with increased fracturing; still trace (wk hematite alt'n around potassic fp)				
	41.0	96	0.33	pG - gradational contact from blotchy granodiorite to porphyroblastic quartz diorite/granodiorite; alkali fp megacrysts increase to >10/foot; k-spar content increased from above unit; quartz content ↓ 15% or less; Plag content >> orthoclase; 20-25% mafics ⇒ biotite dominant but pseudomorphing hornblende; 1%-3% epidote alteration of mafics; wk. saussiterization of plag. results in trace cb, trace ep; ; 1% chlorite replacing hb cores; ; fractures 10° and 45° T.C.A; 45° fractures parallel and also cut lineation (conjugate?); lineation v. wk. trace l.m. along fracture surfaces;				
41.0	58	94	0.26	FG - same unit but start getting k-spar + qz aplitic dykes 1-2" wide; sharp contacts, no chill margins; 45° T.C.A parallel lineation.				

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Property MINTO	NTS 115I/11	Claim	Elevation	Azimuth 000	Length	Dip -90
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes	Drilled by			Assays by	Logged by	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION	Bo	Cp	Interval From	Interval To	Core Width	Sample No.	Au ppb	Ag g/t	Cu %
				Cont'd:									
41.0	58	94	0.26	pG - orthoclase phenos ↓↓ to trace amount; biotite / hb. starting to segregate into ribboned 1-3mm bands, ep ↓↓;									
(Box 4	44.6-56.4)			:55.4' 8mm vug within aplite dyke <1" wide, 45° T.C.A.									
				:core fractures along biotite segregations;									
				:45-51.5' strongly fractured; largest piece wide core is 4"									
	80.5	93	0.41	pG - same unit as 34-41'; plag is fresh; qz content 15-20%									
(Box 5	56.4-68.7)			:could be classified as porphyroblastic qz diorite;									
				:2mm epidote veinlet at 64.3'									
(Box 6	68.7-82.0)			:fractures 10° T.C.A, trace LM after bi on surfaces; core									
				breaks 40-45° T.C.A along biotite segregations.									
				:very competent core - few fractures									
80.5	80.5			CONTACT BETWEEN pG AND KQGn; marked by									
				offset pinching pink k-spar lens; offset caused									
				by a 3mm wide qz+orthoclase veinlet at 10° T.C.A									
				:displacement of 7mm in downhole direction;									
80.5	134'	98	0.45	KQGn - strongly foliated; segregated felsic/mafic bands									
(Box 6	68.7-82)			give gneissose texture; 20% biotite; 30-40% orangeish									
(Box 7	82-95.7)			pink k-spar; 10-15% qz; 25-40% grey to dark greyish			85	90	5.0	22.17	<0.001	<1.0	0.017
(Box 8	95.7-108.5)			white fp- orthoclase/plagioclase; 1-2% pale red garnets;									
				:core breaks along foliation planes 50° T.C.A									
(Box 9	108.5-122.0)			:minor sections of core with 30-40% biotite with									
				proportionate decrease in k-spar to 10-15%.									
(Box 10	122-132.3)			:1% red brown to brown with minor black Fe/Mn-ox									
				coatings on fracture surfaces;									
				@ 95-101 m: moderate fracture density - stands out from									
				rest of interval which is competent;									
				:trace iridescent purple, black fine grained minerals		TR							
				within mafic segregations - covellite?									
				:trace fgc chalcopyrite as disseminated grains.									
				:occasional fine grained aplitic sphene + granite dykes									
				parallel foln. <1 to 2" wide.									

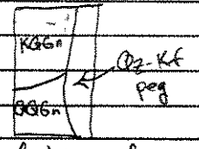
AURUM GEOLOGICAL CONSULTANTS INC. DIAMOND DRILL LOG HOLE No. 95-01 Page 3 of 8

Property	NTS	Claim	Elevation	Azimuth	Length	Dip
MINTO	115I/11					

Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed

Purposes	Drilled by	Assays by	Logged by

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION	Bo	Cp	Interval From	Interval To	Core Width	Sample No.	Au opt	Ag g/t	Cu %
80.5	134'	98	045	(cont'd.									
				KQGn - LM contact ↑↑ with depth to 1%-2% assoc'd w/ mafics									
(Box 11	132.3-144)			: 82+84' two 1-2" wide quartz + minor K-spar veins (exhib. trng vuggy texture at 84')									
				: 107' convoluted foliation-shear fabric?									
				: 101' 4mm wide goethite brown veinlet 50° T.C.A, cuts foliation;			129	134	5.0	2218	<0.001	<1.0	0.001
				: 103.5' & 123' weak magnetic property to core; 103.5' is a 2" section of soft wk clay altered biotite rich (70% core→shear; 123' is in a highly fractured (10° T.C.A) interval with 2-3% brown limonite interstitial to groundmass;									
				: fracture density increases at depth into interval becomes moderate → highly fractured at 116' to 130'									
				: 132' strongly magnetic'									
134'	134'			CONTACT: KQGn → QQGn; distinct contact defined by ↓ in mafics (biotite); core is gneissic texture, weakly foliated; segregated banding not present due to low content of mafics; : foliation is 50° T.C.A, partially obliterated by a quartz-kspar pegmatite dyke									
134	138	100%	0.0	QQGn - 40-50% quartz; 10-15% biotite; 5-10% kspar; 25-45% grey feldspar; tr ep replacing biotite-forming rims; mixture of bi and phlogopite; trace to 1% pale brown/pinkish brown limonite along fracture surfaces and fracture fillings - tr lim. alteration of mafics (biotite); faint ghosts of relic orthoclase phenos to 1.5cm size;									
(Box 11	132.3-144)												
138	144	100%	0.0	Peg: : inequigranular, isotropic fabric; crystal boundaries meshed/blended & not discern-ble; 60-70% potassic feldspar (pink to greyish brown color), 30-40% white to grey quartz; minor sections (1 to 2") of fine grained inequigranular hornblende diorite; pegmatite is mod. fractured									
(Box 11	132.3-144)												



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Property	NTS	Claim	Elevation	Azimuth	Length	Dip
MINTO	115I/11					
Coordinates	**Dip Tests**	**Advance**	**Depth**	**Date Collared**	**Date Completed**	
Purposes		**Drilled by**		**Assays by**	**Logged by**	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION	Interval From	Interval To	Core Width	Sample No.	ANALYSES Au opt	Ag g/t	Cu %
138	144	100	0.10	Cont-d: **Peg**: lower contact not discernible; 6" portion of crumbled broken core at 144'							
Box 11	122.3-144										
144	161.5	95	0.17	**KQGn**: same unit as from 80.5-134'; : strong/in magnetic areas at 146', 150', 158' within biotite dominant lenses (C-I >90.); K-spar content slightly less than 80.5-134' interval;	144.5	149.5	5.0	2219	<0.001	<1.0	<0.001
Box 12	144-156.3										
Box 13	156.3-168			: sections of core are composed of foliated biotite quartz-diorite/gneiss with subhedral orthoclase phenocrysts to 2cm size (148-150.5'; 151-156.5'). : trace brown limonite fracture fillings and staining in both units;							
161.5	174	94	0.39	**CG**- coarse grained, inequigranular blotchy granodiorite; 40-50% plag; 15-25% clear qz; 5-10% hb; 10-15% bi; 10-15% alkali fp; mafics form clots drawn out 50° T.C.A; weakly foliated; biotite replacing hb; relic hb coarse grained crystal boundaries; medium to coarse grained groundmass; : 164' fracture showing open space with magnetic property; fracture is 50° T.C.A and does not cut completely through core; 165' 1.5" Qz-Kfpeg dyke 50° T.C.A; : 3% chlorite replacing biotite + hornblende cores; : trace saussuritization of plag → ep, trace cb; : 172.6' 3" foliated biotite Qf gneiss band; : 173-175' weak magnetic property to core related to fractures along biotite segregations; : trace brown limonite stain on fracture surfaces from alteration of mafics;	169	174	5.0	2220	<.001	<1.0	<0.001
Box 13	156.3-168										
Box 14	168-179.2										
174	177.5	100	0.42	**Peg**: white qz + white orthoclase + pink K-spar pegmatite dyke							
Box 14	168-179.2										

AURUM GEOLOGICAL CONSULTANTS INC. DIAMOND DRILL LOG HOLE No. 95-01 Page 5 of 8

Property	NTS	Claim	Elevation	Azimuth	Length	Dip
MINTO	115I/11					
Coordinates	**Dip Tests**	**Advance**	**Depth**	**Date Collared**	**Date Completed**	
Purposes		**Drilled by**		**Assays by**	**Logged by**	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION
177.5	187.	100	0.86	HD - fine grained treated hornblende-biotite quartz monzonite shows intrusive - brecciated contact into the pegmatite dyke; 15% needle shaped hb altering to actinolite; equal proportions of plag and orthoclase; 10% qtz; grades into inequigranular biotite diorite, no fabric; moderately plag with 5-10% biotite and hb; 5-10% coarser grained euhedral alkali fp; rare 1-2cm sized orthoclase phenos;
(Box 14	168-179.2)			
(Box 15	179.2-194)			
				Note. 177.5-180.5 possibly inverted contact margin;
187	187			CONTACT: gradational contact from HD to blotchy coarse grained granodiorite. Not cleable texture change to coarser grain size with mafic patches drain out 60° T.C.A; contact crudely discernible 45° T.C.A
187	191	93	0.13	cG - equigranular; coarse grained; hornblende granodiorite; 20-30% plag; 20-20% qtz; 20-20% alkali fp; 10% hb - trace to 2% replacement by biotite books and discrete ep grains;
(Box 15	179.2-194)			
				:190.5' blocky broken core to 192'; moderate to highly fractured; 1-2% brown limonite staining on fracture surfaces;
191'	207.5'	99	0.15	K-SPAR ALTERED coarse gr. granodiorite; slight pink hue to core; staining of feldspars to light pink colour; increased epidotization of hornblende + weak carbonate alteration; stockworked hairline k-spar
(Box 15	179.2-194)			
Box 16	(194-205.5)			+ carb. veinlets through core; trace hematite stain on fracture surfaces; weakly foliated;
Box 17	(205.5-218)			:193' pale green veinlet 0° T.C.A catches one edge of core; possibly epidote + quartz veinlet. barely scratches with knife; strong pink k-spar envelope of 1cm dimension either side of veinlet; veinlet is anastomosing <1" wide; strong HCl reaction from epidote replacing hb within core; Potassic altn.

Interval From	Interval To	Core Width	Sample No.	Au opt	Ag g/t	Cu %
197	202	5.0	2221	<0.001	<1.0	<0.001

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Property	NTS	Claim	Elevation	Azimuth	Length	Dip
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes	Drilled by			Assays by	Logged by	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION	Interval From	Interval To	Core Width	Sample No.	Au opt	Ag g/t	Cu %
191	207.5	99	0.15	(UNIT D							
				196-197': unaltered coarse grained equigranular quartz diorite.							
				197-203': Potassic altered interval. K-spar alteration pervasive throughout core; K-spar flooding of groundmass forms envelopes around fractures; fractures now have pale green mineral altered to yellowish green clay; 30% mafic altered to clay replacing matrix; 2% dk reddish brown and orange brown limonite as stain on fracture surfaces; fractures randomly oriented T.C.A							
				203-207.5: secondary K-spar 1% to 1-2%, stains minerals; trace hematite on fracture surfaces;							
207.5	212.5	100	0	FHD: increase in mafics to 20-30% predominantly bi with magnetite interstitial; dk orange brown clay (1%) coating on fractures; local areas of 80% mafic minerals;	207.5	212.5	5-0	2222	<0.001	<1.0	<0.001
(Box 17	205.5-218)										
212.5	221	100	0.13	eGr: back into potassic altered coarse grained equigranular grained or FC; occasional 1-2cm orthoclase phenos; mafics form spots to 1cm size wk lineated; fractures generally 10-30° T.C.A with dk orange brown stain on surfaces;	214	219	5-0	2223	<0.001	<1.0	<0.001
(Box 17	205.5-218)										
(Box 18	218-231.5)										
				214.5-216.5: K-spar flooded, assoc'd with chlorite/epidote filled fractures - there were once biotite veinlets;							
221	224	100	0.57	eGr: ": increase in mafic content to 30% biotite patches to 5cm size; 3-5mm limonite + biotite filled veinlets with minor open space; one 10-15 mm biotite veinlet anastomosing through interval 10-15° T.C.A, cutting wk lineated fabric; trace to no K-spar assoc'd with these.							
(Box 18	218-231.5)										
224	233	100	0.18	fG: " unit has weak foliation apparent through alignment of coarse grained alkali fp orthoclase grains; Increase in mafic content to 15%;							
(Box 18	218-231.5)										
				227 thin calcite filled fracture 10° T.C.A; brown (pink) colour to fracture surface from limonite (or possibly rhodochrosite?)							
(Box 19	231.5-244)										
				same unit as eGr except now weak equigranular + wk foln.							

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Property	NTS	Claim	Elevation	Azimuth	Length	Dip
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes	Drilled by		Assays by	Logged by		

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION
233	233			CONTACT: fG unit shows intrusive contact into a quartz-fp pegmatite dyke;
233	240	100	0	**Peg**: quartz + albite + potassic fp dyke; coarse grained, grains generally 1cm in size, but vary to 3-4mm; slight pink-rich hue to rock from k-spar; 1-2% wk chlorite altered biotite after hornblende; trace epidote replacement of hb; :235.8-237 narrow dyke of cG, lower contact 30° T.C.A
(Box 19	231.5-244)			
240	261.5	100	0.23	**cG**: 50% plag; 15-20% k-span; 5-10% qz; 15-25% bi + hb; :coarse grained, recrystallized very weak lineated fabric to no fabric; quartz diorite; hb cores altering to chlorite; trace - 1% epidote veins on biotite;
(Box 19	231.5-244)			
(Box 20	244-257.3)			:hairline lm filled fractures 60° T.C.A spaced 10 cm apart;
(Box 21	257.3-271.25)			:mafic minerals stained by alteration to limonite on fracture surfaces;
				:252' some unit but start getting 1-2cm subhedral orthoclase phenos; could possibly call unit pG.
261.5	271.5	100	0.45	**pG**: now have k-spar phenos subrounded to equant, up to 5cm dimensions;
(Box 21	257.3-271.25)			:1-2% hematite interstitial to biotite;
				:261.9' microfault 55° T.C.A filled with 3mm thick yellow brown clay; (gouge);
				:262.5' 2" band of salmon pink stained core; pervasive k-spar + hematite + minor epidote
				:268.25' 1" k spar band 55° T.C.A.
				: trace orange brown limonite coating on fracture surfaces.
271.5	281	99	0.29	**cG**: : k-spar megacrysts gone; unit becomes more foliated with depth; wk pervasive limonite alteration through core gives it a pale orange/pink-brown hue;
(Box 22	271.25-285)			: 1-2% hematite interstitial to biotite;
				: 1" limonite altered bands dispersed through

Interval From	Interval To	Core Width	Sample No.

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Property	NTS	Claim	Elevation	Azimuth	Length	Dip
MINTO	115I/11			000	297 FT.	-90

Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed

Purposes	Drilled by	Assays by	Logged by

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION
281	292	100	0.83	And: black, very fine grained, massive, magnetic.
				: upper contact with cG is 35° T.C.A and has a 4" brown (limonite) alteration envelope; 1mm white calcite infilling fracture surface along upper contact.
Box 22	271.25-285			: grain sizes barely discernible with 10x hand lens - microdiorite
Box 23	285-297			: whole unit has hairline carbonate microveinlets forming a 3-D and sheeted system; not closely spaced - would not term it stockwork;
				: 285-287': mid-interval texture picks up to show wk. clay altered white subhedral minerals with irregular boundaries - albite?
				: lower contact intrudes into cG unit, shows brecciated fragments of andesite with large tenoliths of cG; not readily contact margin at 50° T.C.A.
292	297'	100	0.70	cG: equigranular granodiorite as before; trace - 1% hematite interstitial to biotite; unit has crude foliation w.o limonite for 1' below contact with andesite.
Box 23	285-297			: 293.5' 3" brown/orange brown limonite band with thin brown clay coating of fracture surfaces 55° T.C.A.
				: total limonite content of unit is 1-3% concentrated along fractures and as rims to larger K-spar grains.
				End of Hole.
				Note: And unit is same as DR in hole 2

Interval From	Interval To	Core Width	Sample No.

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Property	NTS	Claim	Elevation	Azimuth	Length	Dip
MINTO	115 I/11		3092	000	337'	-90

Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed
N: 10,495 E: 3899				13/SEPT/95	15/SEPT/95

Purposes	Drilled by	Assays by	Logged by
TEST MAGNETICS ANOMALY			F. ANDERSON

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION
				0-14 casing - OVB:
14	16	45%	0	OVB: broken pieces of rock, mixed lithologies;
(Box 1	14-26)			
16	26.5	86	0.11	eG: 50-60% fp; 15-25% qz; 15-25% bi + hb;
(Box 1	14-26)			: occasional subhedral pink alkal. fp phenos to 2CM size;
				: hb → chlorite core; v. rare ep c.ms;
				: trace magnetite blebs replacing hb/bi clots;
				: brittle fractured - blocky unit; fractures generally
				50-80° T.C.A occasional 15-20° T.C.A;
				: 2% pink to brown hematite/limonite alteration pervasive
				through core, interstitial to alkal. fp grains;
				: brown mud/soil coating fracture surfaces → weathering;
				: carbonate on fracture surfaces → weathering feature.
26.5	30	55	0.15	F: fault zone;
				: poor recovery through interval;
(Box 2	26-38)			: strong carbonate alteration of all core;
				: friable sericite, clay altered in places;
				: 1" white qz-ch vein 18° T.C.A
				: 2" HW contact is fine grained foliated sericite;
				: 29-30' start recovering eG again, rocks strongly
				chloritized;
	32'	58	0	eG: unit still broken blocky rocks → chlorite, ep;
(Box 2	26-38)			1% oxidized black magnetite to ~1% interstitial
				hematite; trace limonite/carbonate coating on fracture
				surfaces; unit looks weathered, rotted;
32'	57'	93	0.14	eG: coarse grained equigranular quartz diorite;
				: start getting fresher rock; 40-50% fp; 5-10% qz;
(Box 2	26 38)			20-25% hb + bi; 10-15% K-spar;
				: ~1% brown/orange lemonite interstitial to K-spar
(Box 3	38-49.75)			grains;
				: hairline LM fractures 15° T.C.A; dominant
(Box 4	49.75-	61.25)		fracture set is 55° T.C.A; orange brown LM stain
				on surfaces
				: trace epidote c.ms of hornblendes;

Interval From	Interval To	Core Width	Sample No.
35	40	5-0	
40	45	5-0	

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Property	NTS	Claim	Elevation	Azimuth	Length	Dip
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes	Drilled by			Assays by	Logged by	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION	Interval From	Interval To	Core Width	Sample No.
				CONT'D.				
32	57'	93	B.H.	eG: trace blebby magnetite blebs replacing hornblende;				
				:34.5-37' unit - medium to coarse grained eG; start of getting mafic/felsic segregation; increased up to 1-2%;				
				:strong magnetic properties to mafic rich sections at 34.5' and 36.5';				
				:37' core axis broken & blocky to 39'; strong chlorite alt'n of mafics assoc'd with fracturing; weathering;				
				trace-1% hematite/magnetite fracture surfaces				
				:hb core to actinolite/chlorite ± epidote;				
				:hairline carbonate + hematite fractures randomly oriented;				
				:40' another magnetic f.g. mafic band - magnetite intergranular to biotite; relic biotite + altered hb;				
				:pervasive hematite fracturing above and below this point but not through the magnetic interval (3");				
				:42-43' 3-5% limonite dominantly within 1-2mm fractures @ 10° T.C.A but also pervasively interstitial to groundmass				
				:veinlets also calcareous;				
				:44-45' 40% recovery, broken pieces of core with smooth surfaces - highly fractured interval;				
				:45.5' 2mm hematite veinlet 30° T.C.A;				
				:45' 1" wide band of magnetite replacing mafics in eG; trends 30° T.C.A.				
				:49' 1mm ep. veinlet 45° T.C.A with 1cm potassic envelope in HW and FW;				
				:54.5-57': start getting textural change - becomes inequigranular; potassic alt'n of core starts with introduction of carbonate microveinlets and a 2" band of qz+K-spar pegmatite, 10° T.C.A.				
57'	61	97	0	**Potassic Altered eG**: inequigranular, coarse to medium grained granodiorite; pervasive K-spar staining of felsic minerals to flesh pink colour, mafics are dk green-chloritic;	57	61	4.0	
(Box 4	49.75-61	25)		57.6': 3mm clay filled (brown/yellow) fracture - microfault 45° T.C.A.				

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Property	NTS	Claim	Elevation	Azimuth	Length	Dip
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes		Drilled by		Assays by	Logged by	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION	Bo	Cp	Interval From	Interval To	Core Width	Sample No.	Au oz/T	Ag g/T	Cu %
				CONT'D									
57	61	97	0	: core breaks easily along fractures - weathering effect?									
				58' Start ↑↑ to epidote sheeted 1-2mm epidote filled, (clay altered) fractures;									
				58.5' epidote + minor hematite ± sericite zone, clay altered, contact at 40° T.C.A.; carbonate pervasive throughout zone - very broken crumbled core, possibly not put in order - difficult to pick out interval - SHEAR ZONE!!									
				59.5': out of shear clay altered rock - grossed SHEAR ZONE; back into cG, weak potassic alt'n; 1% hematite ± 1 monte veinlets, 1-2mm wide, randomly oriented. those veinlets cut through a qz-kspar 1" wide peg. band at 61'.									
61'	64'	97	0	cG: same unit except weak potassic alt'n is related to 1" bands of Peg at 61', 62.5'; bands run 15° T.C.A and leave core at 64' mark.									
(Box 5	61.25-71.8)			: highly fractured but competent interval - fractures filled with maroon hematite ± limonite; could be considered a stockworked zone of hematite microveinlets;									
				: cG has a ribboned appearance with dk green mafics infilling around ribboned felsic bands; fabric has been imposed upon core by the Peg dyke; non-magnetic;									
Note: 64' marks weathering cap.		end of		: calcareous fractures.									
64'	96'	99	0.38	fG: 40-50% plag; 20-30% alkali fp; 10% qz; 20-25% hb; trace-1% magnetite; equigranular coarse grained;	TR	TR							
(Box 5	61.25-71.8)			: trace to 1% maroon to dk red brown hematite staining around mafics - alteration of magnetite;									
(Box 6	71.8-87.0)			64-86': Very crude foliation to core. fol'n is shown by drawn out clusters of hornblende appox 45° T.C.A;									
				: trace epidote alt'n of hb; trace sericite-alt'n of plag;			73	78	5	2205	<0.001	<1.0	<0.001
				: fractures are generally 45° T.C.A, marked by ep+cb on surfaces with ep+kspar envelopes 1cm wide;									
				: occasional fractures 15° T.C.A, marked by 1 monte + carbonate with 0.5cm kspar envelopes;									

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Property MINTO	NTS 115I/11	Claim	Elevation	Azimuth 000	Length	Dip -90
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes		Drilled by		Assays by	Logged by	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION	Interval From	Interval To	Core Width	Sample No.	Au oPT	Ag g/t	Cu %
99	99			End of highly magnetic interval marked by 1" wide K-Spar + qz band 45° T.C.A;							
99	110	100	0.41	fHD: foliation crude : same unit continues as from 86-92': trace - 1% brown limonite filled hairline to 2mm wide fractures; 1% epidote replacing hornblende; grain size varies - irregular granular texture; trace magnetite replacing hornblende; : 101' 1" pegmatized salt + pepper (mafic dominant) lens, 2" wide, 45° T.C.A but does not carry through core → get some of these repeated throughout core - appear to be xenoliths of diorite; : limonite content increases to 1% with depth assoc'd with mafics; : 110' 2" section of fine grained hi QF gneiss 45° T.C.A;							
110	125.5	100	0.34	BQFGn: biotite QF gneiss; segregated mafic + felsic bands; oriented 45° T.C.A; 1% brown LM on fractures; : narrow sections of fHD are encompassed in this interval; : similar magnetic property to BGn; : 117' - slight decrease in mafic content to 30-35%; grades in and out of BGn and fHD; : 122-123.5' ½" wide Qz+KF peg + 2-3% brown LM dyke 10° T.C.A : top and bottom of interval marked by 1" magnetite band; : 125' 2" LM pervasive interstitial to groundmass assoc'd with EP+CH veinlets; 125-125.5' fine grained magnetite band. 40° T.C.A	110	115	5.0	2206	0.001	<1.0	0.001
125.5	143.5	98	0.62	fHD: coarse grained quartz diorite composition; 20-25% mafics form discrete foliae 2-6mm wide ribboned; : 125-129' 3-5% EP replacing Hb; : 126-130' 2mm limonite filled fracture running down axis of core; : 128-129.5' 6" Qz-KSPAR Peg dyke 30° T.C.A;	125	130	5.0				

(Box 7 67-101.2) (Box 8 101.2-115.2) (Box 9 115.2-129)

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Property	NTS	Claim	Elevation	Azimuth	Length	Dip
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes		Drilled by		Assays by	Logged by	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION
125.5	142.5	98	0.62	Cont'd: FHD:
				: trace magnetite blebs replacing Hb, throughout core;
(Box 9	115.2-129)			: 128.5-140.5 70% Hb as veinlets + replacing Hb associated with K-span flooding;
(Box 10	129-140.8)			: trace Cb assoc'd with fractures;
				130-135: hem+LM + ep filled fracture with 1-4 cm K-span envelopes 45° T.C.A, 1cm wide; qz + alkali fp band 10° T.C.A opposite dips to fractures;
(Box 10	140.8-153.6)			130 & 131.5' have intersecting fractures 45° T.C.A
				129.2' 1.5" white fine grained foliated 45° T.C.A magnetite band; minor fine grained magnetite replacing mafics;
				140.2' K-span replacement/alteration of feldspar; mafics altered to actinolite with carbonate;
				: unit starts to lose distinct foliation and becomes a coarse grained, blotchy quartz diorite;
				141.2' 1cm wide qz K-span veg band 45° T.C.A.
143.5	146.5	100		BQFGn: sequence of mafic and felsic gneiss are fine textured, mafic bands are strongly magnetic; lower contact marked by 1" magnetite/biotite band;
(Box 11	140.8-153.6)			
146.5	149	100	0.26	FHD: foliated coarse grained quartz diorite as 125.5-143.5
(Box	140.8-153.6)			: weakly magnetic; magnetite replacing hornblende;
				: rare LM + K-span envelopes as fractures;
149	159	100	0.65	BQFGn: same unit as 143.5-146.5; strongly magnetic
(Box 11	140.8-153.6)			Note: core grades in and out of FHD to BQFGn
(Box 12	153.6-166)			FHD sections show coarse grained texture with trace hem/LM filled fractures and 1-3cm K-span envelopes;
				BQFGn sections: trace epidote fractures
159	164.5	100	0.45	FHD: foliated hornblende quartz diorite dominant;
(Box 12	153.6-166)			: minor (<4") sections of BQFGn; stronger magnetism than previous FHD intervals
164.5	177'	100	0.50	BQFGn strongly magnetic; minor sections of FHD;
(Box 12	153.6-166)			: 166.5' 1cm K-span/qz veg band 45° T.C.A.
				: 166.8' 1mm ep veinlet 60° T.C.A.
				Note: 143.5-177 BQFGn is minor FHD sections.

Interval From	Interval To	Core Width	Sample No.	Au OPT	As g/t	Cu %
125	END	5.0	2207	<0.001	<1.0	<0.001
140	145	5.0				
145	150	5.0				
154.5	159.5	5.0	2208	<0.001	<1.0	<0.001
159.5	164.5	5.0				
169.5	169.5	5.0	2209	<0.001	<1.0	<0.001

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Property	NTS	Claim	Elevation	Azimuth	Length	Dip
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes	Drilled by			Assays by	Logged by	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION
164.5	177	100	0.5	BGFGm: trace limonite + k-span envelopes as veinlets;
				:168' 5-10cm patches of k-span + Bz;
(Box 13	166-178.3)			: trace carb as above + fractures;
				:172-177': unit fairly uniform with 30% mafic content,
				: resembles the intrusive to - above + sericite + actinolite + epidote throughout FHD intervals;
				: trace py found at 172'; trace cb intrusive to matrix at 172'
177	194	100	0.70	FG/BGFGm: light grey to pink aphanitic to fine grained,
				Weakly weakly magnetic to locally strongly magnetic zones 30% 1% 70% Bz - most biotite has replaced Hb;
(Box 13	166-178.3)			:181.5' trace - 1% hem+ qtz vns, ~ist to mat'x;
(Box 14	178.3-192)			:184.5' 1mm thick carbonate veinlet 10° T.C.A;
				: trace epidote as fracture 45° T.C.A;
(Box 15	192-204.8)			: strongly magnetic core; magnetite replacing Hb cores;
				: trace cb intrusive to groundmass;
				185-187': section of weak to non-magnetic core;
				: trace foliation; fol texture, not gneissic - FG;
				:187' 1mm cb veinlet 25° T.C.A
				:188' 1" K-span band 40° T.C.A, opposite dip to fol^n
				:190.2' 4mm cb veinlet 50° T.C.A opposite fol^n
				:190.5' 2" wide QKf band 40° T.C.A parallel fol^n
				: this band causes a 6" wide zone above and below to have textural change + modal change - mafics > felsics subsequently +/- assimilated in the enriched mafic groundmass;
				: very little fracturing through interval;
194	196	100	0.65	Peg: Bz + K-span pegmatite dyke, 30° T.C.A
(Box 15	192-204.8)			: 1mm cb veinlet with trace LIM through core;
196	202.5	100	0.32	FG: coarse grained 20-25% mafic content, quartz diorite to granodiorite unit;
(Box 15	192-204.8)			: fracturing has increased, predominantly limonite/hematite +cb min to hairline, 10° T.C.A;
				: strong magnetic properties in vicinity of above fractures;

Interval From	Interval To	Core Width	Sample No.	Au OPT	Ag g/t	Cu %
164.5	174.5	5.0	J			
177	182	5.0	J 2210	<0.001	<1.0	<0.001

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Property	NTS	Claim	Elevation	Azimuth	Length	Dip
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes		Drilled by		Assays by	Logged by	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION
				(CONT'D.
196	202.5	100	0.32	FG:
				: occasional magnetite replacive cores of hbl;
(Box 15	197 204)			: 10% bour 1 mm to 4 cm staining pervasive around fractures forms 1 cm envelopes; ksp+ alt^n + hematite
				staining of fs occurs through interval forms
				patches of brown to pink mixed core;
				: trace epidote veins around margins of hornblende;
				: hematite alt^n ↑↑ to 10% at 202'.
202.5	208.75	96	0.40	Potassic Altered FG:
				: upper contact 100 T.C.A; pervasive alt^n starts at
(Box 15	197 204)			202.5'.
				: hornblende strongly altered to chlorite-hematite-hematite
(Box 16	204.8-217.5)			content 3-5%, possible altered magnetite that used
				replaced hbl, some remnant magnetite with hemlln rims;
				: pervasive salmon to light pink colour to feldspars
				in weaker potassic flooding;
				: 202.5-204' highly fractured, broken clay altered core;
				: brown limonite coating on fracture surfaces; carbonate
				within fractures;
				And: : occasional 1mm ep veinlets 50° T.C.A, cut fol^n;
208.75	217.5'	91	0.41	~~And~~: CI 80; 60% plag; 5-10% qz; 20-30% hbl; 5% bi;
				: trace py disseminated within groundmass; strongly magnetic core
(Box 16	204.8-217.5)			: microporphyritic texture - 2-3mm hbl phenos in a fine
				grained matrix, crystal boundaries interlocked;
				: upper contact with altered FG at 45° T.C.A; top
				6" of unit has pervasive dk pink (hem+ksp)
				stain + 1-5mm epidote veinlets;
				: 211-213' - very poor recovery, unit changes to highly
				fractured potassic altered FG; strong HCL reaction.
				: lower contact of DR at 45° T.C.A;
				: 215-216' have mm - hairline epidote veinlets + ksp
				envelopes - pink stain to feldspars; 45° T.C.A;
				: minor hairline cb fractures through DR interval.

Interval From	Interval To	Core Width	Sample No.	AU OPT	Ag g/t	Cu %
197.5	202.5	5.0				
202.5	207.5	5.0				
212.5	217.5	5.0	V2211-	<0.001	<1.0	0.001

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Property	NTS	Claim	Elevation	Azimuth	Length	Dip
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes		Drilled by		Assays by	Logged by	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION	Interval From	Interval To	Core Width	Sample No.
217.5	231.5	100	0.49	FG: massive equigranular quartz diorite; hb weakly altered to act+ol+c, trace ep specks around edges; carbonate on fracs; 45° T.C.A. hairline random hematite fractures, sparse; occasional hairline ep+cb fractures with K-span envelopes; trace recrystallized 3-4mm squares replacing hornblende as accessory mineral; 1% chloritic mafic laminae 45° T.C.A. 227.5-223' 3" K-span envelope associated with epidote fractures;	223	228	5	
231.5	239'	100	0.12	cG: lack of crude fol^{n} + presence of K-span phenocrysts define unit; megascopically coarse grained; hairline lm+cb fractures moderately fractured unit; mm-magnetic; 232.5' cb+lm fracture 10° T.C.A with trace hematite on surface; broken core, some pieces have pervasive pink staining of fp; 237.5 - broken core at qz-kf peg band 1 to 2" wide 45° T.C.A; impacts fol^{n} to cG to 3" either side of contacts; 1% epidote alteration of hornblende.				
239	255	93	0.16	FG: 240-241' 1mm limonite+cb filled fractures 45° T.C.A dipping both directions to core axis; weak sericite alt^{n} of plag; unit takes on crude foliated texture at 239'; lack of K-span phenos; 243' qz-kspar band 15° T.C.A, core fractured above this band; 244' ± carbonate veinlet 2mm wide with 3-4mm hematite selvage and 1-2" wide K-span envelope; 2% ep replacing hb in this interval (243-246'); 247.5-248.5 mafic content 1% to 5%; interval marked by 1" wide pink stained bands (K-span altered?) above and below mafic poor section; 45° T.C.A. grain size decreases with depth, medium grained at				

(Box 17 215.5-230.5)
(Box 18 230.5-241.25)
(Box 19 241.25-251.5)
(Box 20 251.5-264.75)

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Property MINTO	NTS 115I/11	Claim	Elevation	Azimuth 000	Length	Dip -90
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes	Drilled by		Assays by	Logged by F. ANDERSEN		

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION	BO	CP	Interval From	Interval To	Core Width	Sample No.
				CONT'D						
64	86	99	0.98	70-72': epidote+cb + k-spar envelope fractures 45° T.C.A spaced 10cm apart;			78	83	5	
				73.5'-74': 2-3mm ep-cb-py veinlets cause pervasive k-spar alteration of interval (sheeted veinlets).						
				: 64-86' - trace v.f. grained chalcopyrite as disseminated grains on edges of hb; trace to 1% magnetite is present in areas of hb. trace iridescent black mineral in areas of cp-py-mte? or possibly labradorite plag;	TR	TR				
				: occasional 1cm wide wh-gy qz+plag (albite) bands cut through core at various angles; rare + no alteration or mineralize assoc with these;						
86	92.0	100	0.56	FHD: coarse grained inequigranular hb diorite to quartz diorite; hornblende as discrete subhedral grains or as clusters (or blebs) with irregular edges and ranging in size from 1 to 4mm; 1% epidote as discrete grains assoc with hornblende (replacement);						
Box 6	74.8-87			: very crude foliation evidenced by thin bt-chl/hb folia;						
Box 7	87-101.8			: very few fractures in this unit - hairline fractures present have flesh pink falling with weak k-spar envelopes of 0.5cm; flesh pink is combination of k-spar + limonite;						
				: trace magnetite present gives wk magnetic property to core;						
				=> same unit as 64-86' only do not see presence of chalcopyrite and noted decrease in quartz content; ++very little fracturing;						
92.0	99.0	100	0.52	CG: foliation indistinct; fracturing increases with corresponding increase in limonite to 2%; limonite is mixed with k-spar alteration envelopes associated with epidote+carb veinlets; strongly magnetic core;			93	98	5.0	
Box 7	87-101.8			93.5-96' bimodal grain size; sections of fine grained and med-coarse grained quartz diorite;						

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Property	NTS	Claim	Elevation	Azimuth	Length	Dip
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes	Drilled by			Assays by	Logged by	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION	BO	CP	Interval From	Interval To	Core Width	Sample No.	Au	Ag	Cu
											OPT	g/t	%
239	255	93	0.16	Cont'd.									
				: back to coarse grain texture at 252'.									
Box 20	251.5-	264.75		: gr. + grades into pG at 253' - presence of K-spar phenos									
				: fol^n distinct 252-255';									
255	277	96	0.44	pG: coarse grained faint fol^n present; in cut sections with									
				strong foliation									
Box 20	251.5-	264.75		: lack of K-spar phenos + presence of magnetite differentiated							Au	Ag	Cu
				this interval; trace magnetite replacing hb; tr LM staining on fracture surfaces							OPT	g/t	%
Box 21	264.75-	277.5		: trace py, trace cp found in some core - disseminated, very		TR	255	260	5'-0	2212	<.001	<1.0	<0.001
				fine grained.									
				: competent core very few fractures;									
				: strong foliated bands from 259-260; 263-264';									
				265.5'-266.5'.									
				: fractures present are calcite filled, 45° to 60° T.C.A;									
				: 260.5-265' start getting trace hematite, + 1-2%									
				K-spar staining of fp associated with 1mm epidote/cb									
				fractures; thin clay (limonitic) coating fracture surfaces;									
				: 267' 3' parallel hairline to 1mm carbonate with									
				1m selvage veinlets/fracture fillings over 3", 25° T.C.A;									
				: 268-272': 1cm wide pink stained bands 30° T.C.A,									
				opposite fol^n; at 272' have a 1.5" K-spar+qz peg band;									
				: 1-3mm ribboned epidote bands cut the peg bands; 50° T.C.A			269.5	274.5	4.0	2213	<0.001	<1.0	<0.001
				subparallel fol^n.									
				: trace hb altering to LM.									
				: 273' another 1.5" wide peg band; strongly foliated									
				core between 272-273' - result of pegmatite dykelets?									
				: 274.5' 4mm grey qz veinlet with hairline ep selvages									
				45° T.C.A.; trace metallic lead grey v.f. grained mineral - non-magnetic									
				Molybdenite? soft - possibly specular hematite.									
				: fracturing increases from 273' to end of interval; ↑↑									
				limonite as a result to 1%;									
277	277.5	80	0	Ep: 1cm-2cm wide epidote band with lenticular brecciated									
				grey qz frags; omnipresent K-spar envelope; location of									
				this band is uncertain as core doesn't match overlying unit									
				& underlying core is broken into pieces <1" in size.									

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Property	NTS	Claim	Elevation	Azimuth	Length	Dip
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes	Drilled by			Assays by	Logged by	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION
277.5	287	100	0.28	**Potassic Altered cG**: coarse grained quartz diorite with mafic clots and foliation; no K-spar phenocrysts;
(Box 22	277.5-288)			: highly fractured interval; carbonate + brown limonite filling fractures;
				: 3-5% epidote as alteration of hb + forming 1mm veinlets throughout interval; Near 287' ep veinlets get to 1cm width
				: pervasive pink stain to feldspars - K-spar alteration
				: trace hematite blebs; altered magnetite;
				: trace to 10% magnetite - euhedral grains to 4mm size appear to be replacing hb;
				: trace to 10% chloritized with pink staining of fp;
				: 285-287' pervasive epidote alteration of hb plus hairline to 1cm veinlets - 10% ep. in this section;
287	292.5	100	0.74	cG: same unit as above. Distinct lack of ep, carb + K-spar;
(Box 23	288-302)			: trace magnetite replacing hb; trace ep grains around hb edges; occasional 1cm K-spar bands; wk sericite alt^n of plag;
				: thin limonite + carb coatings on fractures;
				: occasional K-spar phenocrysts;
				: competent unit, very little fracturing;
				: 291.8' 5mm swelling to 1cm greyish white barren vuggy quartz vein - filled in a limonite + carb fracture;
292.5	311	100	0.47	**Potassic Altered cG**: as for 277.5-287' interval;
(Box 23	288-302)			: moderately fractured interval - yellow brown LIM + clay thin coatings on fractures; Limonite staining of minerals to 3mm either side of fractures;
(Box 24	302-314.25)			: strong patches of K-spar alt^n assoc^d with 3-15mm wide epidote veinlets at 292.5'; 293.5-294.5'; 295.5-296.5'; 297.5-298.5'; 308.5'; 311'; larger ep veinlets in 10-15% fine grained brecciated grey qz frags;
				: strongly fractured from 302.5-304.5'; fractures 45° T.C.A. dipping both directions;
				: 1" wide K-spar + qz + ep + carb patch at 308.5', HW contact of 8mm wide epidote veinlet;

Interval From	Interval To	Core Width	Sample No.	Au opt	Ag g/t	Cu %
278	283	5.0	7214	<0.001	<1.0	<0.001
287	292	5.0				
292	297	5.0				

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Property MINTO	NTS 115I/11	Claim	Elevation	Azimuth 000	Length 337'	Dip -90
Coordinates	Dip Tests	Advance	Depth	Date Collared	Date Completed	
Purposes TEST MAGNETICS ANOMALY	Drilled by			Assays by	Logged by	

Interval From	Interval To	Rec'y %	RQD	DESCRIPTION
292.5	311	100	0.47	(CONT.D:
				: 1cm ± cb veinlets/fractures cut ep veinlets;
(Box 24	302-314.25)			: trace v. f. grained py assoc'd with ep veinlets;
				: trace magnetite through core - interstitial to groundmass and replacing cores of mafic (hb→act/chl) clots;
	328.5	100	0.24	pG: quartz diorite composition; subhedral k-spar phenos to 4cm size, >10 per foot; varying mafic percentage from 10% to 30% - higher mafic content with smaller grain size sections of core;
(Box 25	314.25-328)			: inequigranular to ~~equigranular~~ texture with k-spar megacrysts - mafics always fine to medium grained; felsic minerals vary from coarse to fine;
				: hb altering to actinolite; equal amt hb to bi;
				: trace magnetite replacing hb cores also present as accessory mineral in groundmass;
				: carbonate present as interstitial to hb - appears related to the ep grains replacing edges of hb;
				: unit is moderately fractured; hairline 1cm ± cb infilling;
				315-317': fine grained, equigranular section, highly magnetic; 3% epidote - alt° of hb;
				316.5->320.5: 1 to 4mm epidote veinlets; assoc'd with this is the k-spar patches or envelopes; veinlets are clustered within sections spaced 1' apart;
				: trace brown limonite staining fracture/breaks in core;
				: unit starts to get foliated at 326' below a 2cm wide kspar-qz peg band;
328.5	334'	100	0.0	BOTH: strongly foliated, start getting segregated bands;
(Box 26	328-337)			: 1-2% magnetite assoc'd with mafic bands;
				: trace hem rims around some mafic clots;
				: highly fractured unit; pervasive brown 1cm + Mn-ox stain to minerals on fractures; thin brown clay coatings;
				: core has weathered/rotted appearance - mafics → to biotite;
				329-331: intensely fractured & rotten interval - wk potassic alt°.

Interval From	Interval To	Core Width	Sample No.	Au OPT	Ag g/t	Cu %
306	311	5.0	✓ 2215	<0.001	<1.0	<0.001
311	316	5.0				
329	334'	5.0	✓ 2216	<0.001	<1.0	<0.001

334-337': pG; same as 311-328.5'
0.55 RQD; 100% Recovery.
End of Hole.

DIAMOND DRILL LOG

HOLE I.D.: 95-04 | AZIMUTH: 000 | LENGTH: | PAGE 1 of 7
PROPERTY: MINTO | DIP: -90 | LOGGED BY: FARRELL ANDERSEN | DATE STARTED: 17/SEPT/95
COORDINATES COLLAR: N: 8521, E: 6638 ELEVATION 2885 | DATE COMPLETED: 18/SEPT/95

INTERVAL FROM	TO	%Rec	RQD	DESCRIPTION	INTERVAL FROM	TO	WIDTH	SAMPLE #
0	14			CASING;				
14	33	94	0	FG: heavily weathered, no fresh rock; pitted appearance to core : friable core, can be broken with light to moderate hand pressure; : 5% limonite + hematite from weathering of mafics; : biotite altering to chlorite and limonite; : moderately fractured with thin limonite coatings on surfaces; : carbonate also present on fracture surfaces, also as weathering feature on core; : non magnetic - F magnetite was present it is oxidized to hematite.				
(Box 1 14-27)								
(Box 2 27-40.8)								
				:25-33: start getting 1" K-spar altered envelopes assoc'd with hairline limonite fractures 20° T.C.A				
				:28' 4mm clay filled fracture, stained yellow from limonite; (fillite?), 2mm one at 29';				
				: 31' start getting competent rock; surface not pitted;				
33	40'	100	0.25	FG: POTASSIC ALTERED: one half of core is pervasive K-spar stained				
(Box 2 27-40.8)				: crude fol^n defined by chlorite and actinolite altered mafics;				
				: 10% mafic content;				
				: pervasive salmon pink colouring to core;				
				: 1-3mm yellow weakly clay altered orthoclase veinlets - same material noted in fractures from 14-33';				
				36': 1" Peg 45° T.C.A;				
				36.4': 2mm milky white carbonate veinlet, 15° T.C.A;				
				: moderate to strongly fractured interval; moderate to highly fractured;				
				: 38.5 1mm hematite veinlet, 15° T.C.A;				
				: the potassic alt^n is assoc'd with a 1cm pinching qz + orthoclase + carbonate veinlet running down the core axis;				
40	62.5	99	0	FG: same as 14-33', less intense weathering appearance;				
(Box 3 40-8-53)				: back into weathered, 1 core: 3% limonite alt^n of mafics				
				: small sections of competent core with pervasive K-spar stain assoc'd with a 3mm-6mm veinlet as in 33-40';				
				43.5': 1.5" Peg patch - edge of a thin dykelet;				
				43-46': pervasive K-spar staining as mentioned above;				
				47-48: intensely weathered & fractured interval; pitted core;				
				48.5-49.5: weak potassic altered, 5% epidote replacing mafics				
				- ? assoc'd with a 1.5cm Peg 45° T.C.A at 49'				

DIAMOND DRILL LOG

HOLE I.D: 95-04 AZIMUTH: 000 LENGTH:
PROPERTY: MINTO DIP -90

INTERVAL FROM	TO	%Ca	ZGD	DESCRIPTION	INTERVAL FROM	TO	WIDTH	SAMPLE #	Au OPT	Ag g/t	Cu %
				CONT'D							
40	62.5	99	0	FG:							
(Box 4	53-	66.5)		:53' start picking up magnetite, slight decrease in limonite alt'n of mafics: biotite strongly altered to phlogopite, muscovite and epidote; :start getting relic hb, euhedral crystals to 1cm size; 53.5' 1mm epidote fracture; 53-61: epidote and hematite content ↑ to 3% ep, 1% hem, both within groundmass and along fractures; 59-61': wk k-spar staining of groundmass - 1" envelope around an epidote + pale yellow clay, mm-hairline fracture 15° T.C.A; 61-63: strong limonite staining on fracture surfaces;							
62.5	71.5	83	0	FG: mafics increased to 20-25%;							
(Box 4 53 -66.5)				: intensely weathered; pitted appearance to core;							
(Box 5 66.5- 79.5)				friable, crumbly; reacts to HCl ← weathering feature - result of rainwater; trace limonite assoc'd with fractures; limonite content increases with depth, staining content at 71.5 have 3%;							
71.5	80	89	0	SHEAR ZONE: strong potassic alt'n;							
(Box 5 66.5- 79.5)				: very intense clay alt'n of groundmass, interval is reduced to clay with 40% k-spar altered euhedral fp and 5-10% quartz grains; :mafics and plag + orthoclase groundmass reduced to a pea green to light brown clay; :strong HCl reaction; :occasional pieces of core still together show smooth surfaces 45° T.C.A							
80	92	88	0.15	FG: intensely weathered, pitted appearance to core; highly magnetic;	80	85	5.0	2237	<0.001	<1.0	<0.001
(Box 6 79.5- 93.8)				: magnetite bands throughout interval; 3" band with biotite at 80°; 81.5-87' 15-20% magnetite within fg/BRECCIA - 2" mx band at 81.5', mm sized bands 81.5-85'; 3" band at 84'; 1cm mx vein at 86'-87' 30° T.C.A, assoc'd with fault plane; 3" band at 92.7'; 1cm vein at 97'	85	90	5.0	2238	<0.001	<1.0	<0.001
(Box 7 93.8-108.25)					90	95	5.0	2239	<0.001	<1.0	0.001
					95	100	5.0	2240	<0.001	<1.0	0.002
				: 3% limonite in interval, strong reaction to HCl from groundmass; : trace k-spar bands <1" wide, assoc'd with 1mm + yellow clay veinlets 70° T.C.A;							
				93-93.5: 6" GR, fine grained, lower contact 30° T.C.A;							

DIAMOND DRILL LOG

HOLE I.D 95-04 | AZIMUTH: 000 | LENGTH:
PROPERTY: MINTO | DIP: -90

INTERVAL FROM	TO	%Core	RQD	DESCRIPTION
97	103	100	0.71	FG: core is fresher, little evidence of weathering; strongly foliated;
(Box 7	93.8 -	108.25)		: 4cm magnetite/biotite patch at 98';
				: 2-3% magnetite replacing cores of biotite clots;
				: 101.3 - 102.5' 40% magnetite concentrated as bands in a mafic rich section of fine grained FG; biotite is 100% altered to chlorite;
				: 99.7' 2" chlorite after biotite patch, 5% magnetite;
				: trace limonite in interval, restricted to fracture surfaces;
103	108	100	0.59	FG: : 103' 3" pervasive K-spar alteration assoc'd with mm sized qz/carb+ chlorite veinlets; 70° T.C.A;
(Box 7	93.8 -	108.25)		: 105.6 1" K-spar envelope assoc'd with 1mm qz/carb+ ep veinlet 70° T.C.A. trace epidote replacing margins of biotite
				: same unit as 97-103, no magnetite bands; trace-1% Mx replacing biotite and hb cores;
108	111	100	0.19	FG: POTASSIC ALTERED:
(Box 8	108.25 -	121.5)		: pervasive pinkish brown to orange staining of feldspars;
				: mafics completely altered to chlorite/actinolite
				: 2-3% epidote, assoc'd with mafics;
				: thin mm sized magnetite bands 70° T.C.A enclosed in a fine grained FG envelope;
				: 2-8mm pinching qz+ yellow clay altered veinlet 15° T.C.A with 3mm epidote selvages at 108'; cause of potassic alt'n;
				: 110.25' 4" patch of 80% biotite with 1-3% magnetite; hairline hematite veinlet through patch;
				: interval ends with a 2mm ep+ yellow clay veinlet 45° T.C.A;
111	117	100	0.20	FG: less chloritization of mafics, K-spar envelopes restricted to 1cm bands 40° T.C.A;
(Box 8	108.25 -	121.5)		: trace-1% interstitial limonite;
				113': 1.5cm magnetite vein 70° T.C.A; causes 1.5" above veinlet to be fine grained;
				115': start losing foliated texture, mafics being depleted;
				115.5': pervasive K-spar alt'n assoc'd with 4-5mm ep veinlets;
				: interstitial carbonate assoc'd with epidote

INTERVAL FROM	TO	WIDTH	SAMPLE #	Au OPT	Ag g/t	Cu %
100	105	5	2241	<0.001	<1.0	0.001
105	111	6	2242	<0.001	<1.0	<0.001

DIAMOND DRILL LOG

Hole I.D: 9504 | AZIMUTH: 000 | LENGTH: 231.5'
PROPERTY: MINTO | DIP: -90

INTERVAL FROM	TO	%Rec	REC	DESCRIPTION	INTERVAL FROM	TO	WIDTH	SAMPLE #	Au	Ag	Cu
									OPT	g/t	%
117.0	118.75	100	0.80	QV: quartz + light pink calcite vein; no mineralization;							
(Box 8 108.25-121.5)				: small rafts, intruded of fg 100% altered to k-spar, chlorite, epidote + cb;							
				: upper + lower contacts 25° T.C.A							
				: lower contact marked by a 1.5cm sericite, epidote, carbonate zone assoc'd with lim + carb. veinlets;							
118.75	120'	100	0.73	fg: Potassic altered; fooke all to qz-carb vein; same as 115-117'							
(Box 8 108.25 121.5)				Note 115-120' potassic alteration assoc'd with qz carb vein;							
				Note: spaced apart but repeats are fracture surfaces with smooth semi polished sides; 71.5-111 is a large fault zone;							
120	130	100	0.42	BOFGn: very strongly foliated granodiorite - wk mineral segregation;							
				: repeated Qz-Calcite veins, epidote/clay veinlets, strong potassic altered zones, freshen fg zones; quick log follows:	125	130	5.0	2243	<0.001	<1.0	0.020
(Box 9 121.5-134.5)				120-121: fg: trace interstitial hornite, 1-10% mx replacing mafics;							
				121-122: ep-Kspar altered zone, sandwiches a 1cm ± calcite vein 10% hematite disseminated							
				Note: 125' notice v.v.f.g cp with the magnetite replacing cores of chloritized mafics: cp distinct & disseminated with 14x lens;							
				: 129.8' trace malachite, proximal to Qz-calcite VEIN							
				Relook 97-125'.							
				Leave this interval until later;							
120	130	CONT'D		BOFGn: 1% Mx, fr cp replacing cores of chlorite/actnolite mafics;							
				V.wk K-spar altered;							
				126": tr mx assoc'd with cm/lm veinlet 25° T.C.A parallel to 1cm quartz/fg VN to 2mm pink calcite laguis;							
				126-128: strong potassic alt'n, parallel 3mm cb/lm veinlets.							

Hole I.D GS-04 — DIAMOND DRILL HOLE — AZIMUTH: 000 DIP: -90 LENGTH: 231.5' —

FROM	TO	%REC	ROD	DESCRIPTION
130	133'	100%	QV	: QS 117-118.75'; Massive, NO inclusions.
(-0 RQD)				: upper contact Mid core, LO T-C-A.; lower contact broken apart; vein ends 133' abruptly;
133	144	90	0.13	FG:
(Box 10 134.5-145)				: very strongly foliated
				: K-spar alt^{n} assoc^{d} with yellow dkg/lim veinlets, patchy; trace mx replacing mafic cores.
				: texture change at 141' - become gneissose; fracturing increases;
				141-143 intensely fractured; very strong wx : out along fractures
144	157.5	97	0.1	BQFGn: textural change; ribboned segregation of minerals;
(Box 11 145-153.75)				: Magnetite replacing chlorite alt^{d} mafic clots;
				: 1% mx;
				: trace limonite restricted to fractures. trace cb.
(Box 12 153.75-166.8)				: weathered out fractures ~145-154' - intensely fractured interval;
				mafics altering to chlorite/actl/sericite
				: trace ep restricted to fractures, rare
				146-153 intensely fractured.
157.5	163.5	100	0.08	BQFGn: decreased mafics, large felsic bands; large (1cm) surrounded magnetite grains - trace mx;
				159-161' grades into FGr, well fractured; tr LM assoc^{d} with fractures;
163.5	181	96	0.14	: Potassic altered - small sections of wk to mod altered; SHEAR ZONE;
(Box 12 153.75-166.8)				164-169.5 7mm qz-cb-ep veinlets, hem+cb+ep veinlets; p[illegible]
				hairline cb fractures - extreme pink colour pervasive through core to 168';
(Box 13 166.8-180)				169.5-173 wk K-spar alt^{n}, few veinlets;
				172.5' 1" Gr dyke, 20° T.C.A
				173-179: strong K-spar alt^{n} assoc^{d} with veinlets qz+fp+cb+ep;
				178: trace malachite with magnetite replacing mafics;
				179-181: trace K-spar alteration; 1% ep replacing edges of mafics;
181	185	100	0	BQFGn
(Box 14 180-183.3)				: includes strongly foliated granodiorite sections;
				: 182-183.5': wk potassic alt^{n} assoc^{d} with hairline cb veinlets;
185	188.5	100	0	FG: : trace mx replacing mafic cores; contacts not visible - gradational?

FROM	TO	WIDTH	SAMPLE #	Au OPT	Ag g/t	Cu %
152	157	5.0	2244	<0.001	<1.0	0.005

DIAMOND DRILL LOG

HOLE I.D.: 15-04 | AZIMUTH: 000 | LENGTH: 236.5 | PAGE 6 of 7
PROPERTY: MINTO | DIP: -90 | LOGGED BY: FARZEL ANDERSEN

INTERVAL FROM	TO	%REC	RQD	DESCRIPTION
188.5	197	100	0.14	FG: coarse grained, strongly foliated; minor intervals of BQFGn, : trace magnetite replacing cores of mafic clots, increasing magnetism near BQFGn sections; trace hematite; : 190-191': 2" k-spar envelope assoc'd with 3mm qz + cb veinlet, 15° T.C.A; : 193.5-195': BQFGn section; 5mm biotite book' veinlet 30° T.C.A at 193.5'; : 196-197': highly fractured interval;
197	204	100	0.1	BQFGn/ BGn POTASSIC ALTERED; : pervasive k-spar flooding & turns colour to salmon pink; : 100% chlorite/actinolite alteration of mafics; : hairline cb veinlets; 1-2mm epidote veinlets; : trace ~~1%~~ hematite as hairline veinlets; 1 to 1% at 203-204'; 202-204': ~ 3-4mm quartz carb veinlets, 15° T.C.A; highly fractured core; : trace magnetite through interval; : BGn at 199.5-201.5';
204	207	100	0.18	BQFGn distinct to crude mineral segregation; : potassic alt'n ends abruptly at 204', v. wk k-spar envelopes, isolated to mm sized hem+qz/carb veinlets;
207	219	100	0.41	CG: marginal to being foliated gneiss; less mafics than BQFGn; 208.5': 4mm hematite clay veinlet 40° T.C.A; 2mm ep veinlets 60° T.C.A above and below; very fractured interval 207-210'; 213': gneissic fabric; 214': 3" potassic envelope assoc'd with 6mm qz/cb veinlet 30° T.C.A 216'-217': strong k-spar alt'n assoc'd w/ qz-orthoclase mm sized stockworking; : wk magnetism, restricted to gneissic intervals; 219.25': 5mm ep with brecciated qz grains, 45° T.C.A, marks the start of a strong potassic altered interval;
219	225	100	0	Potassic Altered CG: : highly fractured, strong clay development of groundmass' marginal to fractures; : 5% epidote as stockworking veinlets 2-6mm wide; : 1-2% hematite, clay coatings/infillings of fractures; : strong HCl reaction of clay altered areas;

INTERVAL FROM	TO	WIDTH	SAMPLE #

DIAMOND DRILL LOG

HOLE I.D: 95-04 | AZIMUTH: 000 | LENGTH: 231.5
PROPERTY: MINTO | DIP: -90 | LOGGED BY: FARRELL ANDERSON

INTERVAL FROM	INTERVAL TO	%Rec	RQD	DESCRIPTION
222.5	231.	100	0.29	SHEAR ZONE : strongly foliated, matrix; lightly to moderately chloritized; 224.5. slickensided surface to fracture, trace hematite over the 3" around this area, assoc^d with parallel shears 40° T.C.A; : 225.5-227': cG interval; slickensided fracture surfaces are continued; 229-230 - V. strong potassic altered interval, assoc^d with anastomosing hem + carbonate 1-5mm wide veinlet; 10% epidote as hairline stockwork and pervasive flooding of core; pervasive K-spar flooding of groundmass : upper contact 10° T.C.A. sharp; lower contact K-spar flooding gradually disappears;
231	231.5	100	0	Peg 231-231.5 hole ends in a K-spar quartz Peg; 231.5' END OF HOLE;

INTERVAL FROM	TO	WIDTH	SAMPLE #

DIAMOND DRILL CORE

Hole I.D.: 95-06 | AZIMUTH: 000 | LENGTH: 302 FEET | PAGE 1 OF 9
PROJECT: | DIP: -90 | LOGGED: FARROW ANDERSON | DATE STARTED 18/SEPT/95
COORDINATES: COLLAR | N: 6711 E: 7425 | ELEVATION 2885 | DATE COMPLETED 19/SEPT/95

INTERVAL FROM	TO	%REC	RQD	DESCRIPTION	INTERVAL FROM	TO	WIDTH	SAMPLE #
8	31	97	0.08	fG strongly fractured due to weathering; trace MX replacing cores of mafics, : porphyroblastic granodiorite that is strongly foliated; : trace l monite, trace hematite assoc^d with MX along fractures : Moderate chloritization of mafics, relic hb crystals; 18' start getting increase in hematite assoc^d with closely spaced hairline fracturing; 23': grades into gneiss; magnetite content ↑ 10%; slight ↑ in chloritization of mafics; 25.5: 1cm qz+epidote veinlet, 45° T.C.A.; 26.5: start getting wk K-spar envelopes; 27': 1.5cm qz+epidote veinlet 45° T.C.A.;				
(Box 1 8-18) (Box 2 18-30)								
31	41.5	95	0.07	Potassic Altered/SHEARED fG : fG highly fractured, pervasive pink colour to core 5-7% epidote as veinlets; also coloring edges of mafics; : trace 1% interstitial cb-assoc^d with ep ⇒ alt^n of plag; : strong chloritization of mafics : trace cb-pinkish brown coloured, as hairline to 1mm fractures/veinlets: 33'- 1.5cm quartz vein - milky white, fractured- fractures filled by later epidote, - strong K-spar alt^n assoc^d; 33.8' - 3cm biotite + magnetite band - biotite strongly altered to chlorite; 36'- another broken qz+epidote vein, 1cm wide; shows slickenside surface; 37'-41.5': ep ↑↑ to 10%, hairline stockworking, plus present as 1-5mm qz-ep-fp veinlets; strong K-spar alt^n assoc^d; - 38.5-39.5 - very fine grain sized K-spar qz+ep core; 3% hematite veinlets;				
(Box 3 30-39.5)								
41.5	51	89	0.10	Potassic Altered eG./SHEARED; medium grained, equigranular, high plag content; : K-spar alt^n decreases gradually with depth; assoc^d with decreased ep veinlets; : highly fractured interval; some breaks show slickensides; : trace LM + Pyrolusite staining of minerals or breaks in core (fractures); : 44-45' enriched qz+ep veinlets, cut by hairline cb stockworking; : trace fine grained disseminated magnetite, present in the non-altered intervals;				
(Box 4 39.5-51)								

DIAMOND DRILL LOG

HOLE I.D.: 95-04 | AZIMUTH: 000 | LENGTH: 302 FEET
PROPERTY: MINTO | DIP: -90 | LOGGED BY: FARRELL ANDERSON

INTERVAL FROM	TO	%Rec	RQD	DESCRIPTION	INTERVAL FROM	TO	WIDTH	SAMPLE #	Au OPT	Ag g/t	Cu %
51	53	100	0	cG: no K-spar alt^{n}. - same dyke found in hole #1, classified as HD:							
(Box 6 51-64)				(HD in hole 1): trace hem/l in assoc^{d} with fractures; : trace 1% Mx disseminated in ground mass + replacing elongated mafics; : lower contact sharp, 45° T.C.A, shows intrusive into FGn also cuts off a 1" Peg dykelet within the underlying cGn;							
53	64	100	0.34	cGn: coarse grained, 5-10% mafics; small intervals of K-spar/Qz Peg causes meshing of crystal boundaries; 56-58' strong potassic alt^{d} interval: qz ep veinlets cutting hairline cb stockworking, pervasive pink staining/flooding of groundmass; 59.5-60' core has blotchy qz-fp rich appearance due to Peg dykelets meshing crystal boundaries, segregating mafics from felsics, wk gneissic texture; 59-64' anastomosing pink calcite + hematite hairline veinlets throughout; : 1-2% limonite assoc^{d} with veinlets							
(Box 6 51-64)											
64	90'	100	0	fGn: inequigranular texture, increased mafic content is 20%; crude to distinct fol^{n} defined by mafics; short intervals of cGn, contacts distinctive, not gradational; : 65' 1.5" K-spar envelope assoc^{d} with an 8mm qz+ep veinlet 70° T.C.A; : wk chloritization of mafics, trace magnetite disseminated in groundmass; : hairline lim+Qz/Fp veinlets throughout interval - fp wk-moderately clay altered; : trace interstitial cb → assoc^{d} with ep & alt^{n} of plag; : 70' : 7mm qz+ep veinlet 70° T.C.A with a 2cm K-spar envelope; envelope indistinct in BGFGn underneath at 70'.							
(Box 7 64-77)											
70	89	100	0.41	BGFGn trace-1% fg cp, 2-3% mx replacing mafics + disseminated through interval; : upper contact at 70' sharp, marked by a 3cm wide biotite rich band, contact at 90° T.C.A; wk limonitic alt^{n} of biotite due to ep/qz veinlet just above contact. : small intervals of BGn, highly magnetic at 75';	74	80	6.0	22495	<0.001	<1.0	0.019
(Box 7 64-77)											
(Box 8 77-90.5)											
				72-74': lineated granodiorite dyke with intense K-spar alt^{n} assoc^{d} with ep/qz veinlets	85	90.5	5.5	22496	<0.001	<1.0	0.015
				Note: the IGD dyke is intruding a thin interval of cG which occupies 72-74'; : 74-76' BGn interval, 10% magnetite fine grained, disseminated through interval : notice cp at 77, 81, 85' - assume it is throughout interval - see it at 87' also;							

DIAMOND DRILL LOG

HOLE I.D: 95-06 | AZIMUTH: 000 | LENGTH: 302'
PROGRAM: MINTO | DIP: -90 | LOGGED BY: FARRELL ANDERSEN

INTERVAL FROM	TO	%Rec	RQD	DESCRIPTION
70	89	100	0.41	CONT'D :86' minor pale red garnets, ~1% c_p, on edges of mafics; :79' 1.5" magnetite BGn band; (Box 8 77-90.5') :82.3' 0.5" magnetite BGn band; 85.5': 1" magnetite BGn band; :87.5' 7mm qz/fp with ep + cb veinlet, 20° T.C.A.; 1cm K-spar envelope, margin of veinlet shows slickensides; :89.3' 2mm ep/qz veinlet - epidote also invading gneissic groundmass; :fracture density increases 87-97 feet; :89-90.45' fine grained biotite/magnetite rich zone; :90.8-95' moderate to strong potassic alt^n zone assoc^d with K-spar/qz Peg dyking - 1" pegs at 90.8, 92, 92.3, 94.5'; :dominantly fine grained, biotite + magnetite rich zone;
89	105'	100	0.17	BGFGn/BGn:
(Box 8 90.5-102)				:5-10% magnetite replacing mafics, strong chloritization of mafics where MX replacement occurs; :trace - 1% limonite, interstitial assoc^d with mafics; :no c_p, no garnets found; 101.5-101.8' milky white, en echelon quartz veinlets, pinch + swell from mm to 1.5cm size; slight increase in lmt content of BGFGn around this interval; :100-100.5' brecciated appearance to felsic minerals - do not form continuous bands, supported in a mafic matrix; :103.5-105 6mm qz/fp vuggy veinlet, 3% magnetite; 3mm epidote + mx selvages, cut by hairline to mm carbonate stockworking; limonite stained; :lower contact of fine grained BGFGn sharp, 60° T.C.A. at 105;
105	110	100	0.46	BGFGn: :transition zone from 105-107', large milky white sections with 10% mafics, thinner bands with 40% mafics supporting brecciated ~~qz/fp~~ felsic grains, as 100-100.5 feet; :hairline 1m-fp fractures crosscut interval; trace hem in 1mm fractures/veinlets; :1% limonite through interval, assoc^d with above fractures;
(Box 9 102-116.75)				

INTERVAL FROM	TO	WIDTH	SAMPLE #	Au OPT	Ag g/t	Cu %
99	104.5	5.5'	22497	<0.001	<1.0	0.001

DIAMOND DRILL LOG

HOLE I.D: QS-06 | AZIMUTH: 000 | LENGTH: 302'
PROPERTY: MINTO | DIP: -90 | LOGGED BY: FARRELL ANDERSON

INTERVAL FROM	TO	%Core	RQD	DESCRIPTION	INTERVAL FROM	TO	LENGTH	SAMPLE #
				CONT'D				
105	110	100	0.46	BQFGN				
				: those hairline veinlets/fractures are offset by pinkish brown carbonate ± clay veinlets;				
(Box 9	102	-116.75)		well fractured interval but competent core;				
				: BQFGN interval ends at 110' with a chlorite (biotite ± magnetite) band, 65° T.C.A, wk K-spar envelope 1" wide into overlying BQFGN unit;				
110	156	100	0.48	CG: Potassic altered from 125-137.5';				
				hairline lim/fp ± mag cb fractures cg continues into CG unit to 111.5', then slowly dissipates from 111.5' to 115.5'; picks up again to become well fractured/stockworked at 115.5';				
				: trace magnetite replacing cores of mafics, mafics wkly altered to chlorite/actinolite;				
(Box 10	116.75	130)		: trace-1% limonite through interval, content assoc'd with amount of fracturing; trace hematite as hairline fractures;				
(Box 11	130	-143.75)		: weak foliated fabric visible in places;				
(Box 12	143.75	-157.75)		118': 1.5" hb porphyritic microdiorite/andesite dyke; runs down core 10° T.C.A; dyke has hairline cb veinlets throughout; other 1" dykes occur at 120.5', 122', dyke at 120.5' is offset by a 1mm hematite veinlet, 30° T.C.A, slight lateral offset of 1" look cg down core;				
				: intense hairline networked limonite veinlets/fractures within CG between the mafic dykes;				
				: 125' 1cm Peg dykelet with a 4mm ep/qz-fp veinlet above and parallel to it, 30° T.C.A;				
				: 125-137.5: pinkish brown colour to CG from pervasive K-spar (+ minor hematite stain) alt'n assoc'd with intense ep/qz/sericite veinlets running down core, 10° T.C.A, hairline to mm cb with minute ep. stockworking, 5% epidote replacing mafics/plag/clast fp;				
				: 1" wide ep + qz/fp veinlet at 129';				
				: 1-2% interstitial limonite through this interval;				
				132.5-135: short interval of foliated granodiorite - no potassic alt'n				
				: 136' 1.5" K-spar/qz Peg dyke; strong hairline fracturing;				
				: 138' limonite ↓ to trace/nil; very low fracture density;				

DIAMOND DRILL LOG

HOLE I.D: 95-04 | AZIMUTH: 000 | LENGTH: 302 FEET | PAGE 5 of 9
PROSPECT: MINTO | DIP: -90 | LOGGED BY: FARRELL ANDERSEN

INTERVAL FROM	TO	% REC	RQD	DESCRIPTION	INTERVAL FROM	TO	WIDTH	SAMPLE #
				(CONT'D)				
110	136	100	0.48	CG:				
				:141.5-144: 1% hematite assoc'd with increased fracturing, 15° T.C.A;				
				matrix content increases to 1% also,				
(Box 12	143.75	157.75)		:147' qz+cp veinlets, 3mm wide, intersect at 147°, cause a 1" k-spar envelope;				
				:151.5-152.5' k-spar altered interval assoc'd with parallel & clustered qz/sericite/epidote veinlets, 55° T.C.A;				
				: sharp contact with underlying BGFGn at 156.2 FEET; contact is 75° T.C.A;				
156	1585	[illegible]	0	BGFGn: 10%-15% mx, fr cp				
				: strong segregation of minerals into biotite bands and white qz/fp bands, mafics > felsics, very strongly magnetic,				
				: 1" magnetite band at 158.2'; lower contact with CG sharp, 85° T.C.A				
157.5	121	100	0.81	CG: patchy k-spar alt'n				
(Box 13	157.75	171.8)		: 10% biotite, minor hornblende; white, fresh looking core;				
				: trace magnetite replacing cores of mafics;				
(Box 14	171.8	(86)		: trace interstitial limonite				
				: trace lim/hem assoc'd with fractures				
				161-163.5': moderate k-spar alt'n; 2-3% epidote replacing mafics; hairline yellow clay + limonite + carbonate veinlets				
				162.2': 5mm milky white qz-carb veinlet with 3mm epidote selvages, 80° T.C.A				
				163.5' 3mm yellow clay + lim + cb veinlet with 3% ep as stockworking, sub parallel veinlets, 70-80° T.C.A, 2" k-spar envelope;				
				165.5 - 1cm Peg band, 45° T.C.A;				
				166-167 - Peg 45° T.C.A				
				: assoc'd with these Pegs are 1-6mm epidote veinlets with fine brecciated qz grains; wk-moderate k-spar alt'n & interstitial carbonate;				
				167.5': hematite content ↑ to 1%, interstitial to groundmass and with cb as repeated hairline to mm fractures, random orientations to core axis;				
				171': 2" k-spar envelope enclosing qz-epidote veinlets 55-85° T.C.A;				
				: possibly magnetite content picked up at 167' where hematite increased, still trace;				
				: 173.5' 6" k-spar altered patch with qz-carb-ep veinlets 80° T.C.A,				

DIAMOND DRILL LOG

HOLE I.D: 95-06 | AZIMUTH: 000 | LENGTH:
PROPERTY: MINTO | DIP: -90 | LOGGED BY: FARRELL ANDERSEN

INTERVAL FROM	TO	%Rec	RQD	DESCRIPTION	INTERVAL FROM	TO	WIDTH	SAMPLE #
				CONT'D,				
158.5	181	100	0.81	175': 1cm Peg dyklet 30° T.C.A with 1-6mm hairline hematite veinlets parallel to lower contact; 2cm chloritized envelope at lower contact;				
181	182.75	100	0.57	Peg; k-spar + quartz crystals to 6cm in size; trace hematite blebs; upper & lower contacts 45° T.C.A.				
182.75	215	100	0.41	CG: trace blebby magnetite replacing hb; matrix fresh, trace chloritized, varying ilmenite content, trace to 1-3% dependent on fractures				
(Box 14	171.8-	186)		: same with hematite, trace - 1%;				
				: patches of k-spar alt'n assoc'd with qz-ep-carb & qz-ep veinlets;				
(Box 15	186-	199.5)		183-193': moderately fractured, 1% ilmenite/hematite content; hem restricted to fractures, ilmenite on fractures & interstitial to groundmass				
(Box 16	199.5-	213.5)		185.5: k-spar/qz Peg, 3" width;				
				185.2 1" ± ep stockworking around white qz-carb veinlet, 85° T.C.A;				
(Box 17	213.5-	227.5)		185.6-186.2 BGn section, wk to non magnetic contacts 30° T.C.A;				
				191': 5mm yellow/pink clay+qz+clo+ep veinlet running down core, 10° T.C.A; offset by hairline ilm+clo fractures; runs through core to 196';				
				197' hairline hematite fracture runs through core to 200'; 10° T.C.A;				
				200' 3mm qz-ep veinlet 65° T.C.A; 1.5cm k-spar envelope;				
				201-205': ilm+hem ↑↑ to 1-2% related to increased fracturing;				
				: core is still whole & competent with closely spaced fractures, 10° T.C.A, anastomosing; increased clo with ilm+hem;				
				207' 4mm vuggy white qz veinlet, 10 epidote assoc'd;				
				: increased chloritization of mafics with increased fracturing;				
				209' 1" Peg, 30° T.C.A; Networked chloritized veinlets assoc'd with this, cause brecciated appearance to CG below dyke;				
				211-212.5': 45° T.C.A contacts, CG section; 25-30% mafic content;				
				213' core takes on crude fabric weakly foliated;				
				214' 2cm Peg dyke 30° T.C.A;				

DIAMOND DRILL LOG

HOLE I.D: 95-06 | AZIMUTH: 000 | LENGTH: 302 FEET | PAGE 7 of 9
PROPERTY: MINTO | DIP: -90

INTERVAL FROM	INTERVAL TO	%REC	RQD	DESCRIPTION	INTERVAL FROM	INTERVAL TO	WIDTH	SAMPLE #
				SHEAR ZONE?				
215	226.5	100	0.67	FG: 10% mafics; wk foliation, obscure due to low mafic content, no magnetite; core has a pseudo-brecciated fabric as a result of intense hairline anastomosing fractures, 3% hematite content, contained within the fractures; strong chloritization of mafics around margins of hematite fractures, greater than 2mm;				
(Box 17 213.5-227.5)				↑ SHEAR FABRIC; 217' 1" Peg dyke 40° T.C.A, offset ½" downhole direction by a 2mm wide anastomosing hematite fracture;				
				218.5-221: strong brecciated fabric, intense hematite fracturing as mentioned earlier;				
				223.3-224: K-spar altered zone: 10% epidote, 1% hematite as lesser, 3-5% white quartz en echelon veinlets; sharp upper contact 70° T.C.A; lower contact also 70° T.C.A; trace interstitial carbonate;				
				226.5: 1" diorite slice, emplaced along a fault contact - slickensided contacts				
226.5	238	100	0.43	CG: 10% mafics, very crude foliated fabric - possibly same unit as FG above except little shearing has caused original fabric to remain; still have 1-2% interstitial hematite;				
(Box 18 227.5-241)				trace hematite now as hairline fractures 10-15° T.C.A with chlorite selvages - these were one biotite-magnetite veinlets?				
				231.5-234: strong K-spar alt^{n} assoc^{d} with qz-epidote veining; plus 5-10% epidote replacing mafics; foliated/sheared texture;				
238	253.5	100	0.07	MD: inequigranular, strong igneous texture preserved; quartz diorite to diorite; upper contact 50° T.C.A marked by a 1-3cm white qz boudin and 1" epidote patch;				
(Box 18 227.5-241)				very broken unit; breaks along hairline carbonate fractures;				
(Box 19 241-253.5)				trace magnetite disseminated throughout interval; trace pyrite, seldom seen;				
				hairline hematite fractures cutting core:				
				247': 1% hematite as anastomosing fractures veinlets to 3mm thickness;				
				249-252: patches of K-spar alt^{n} assoc^{d} with qz-ep veinlets 40° T.C.A;				
				- also present are thin lenses and veinlets of milky white feldspar - no alt^{n} assoc^{d} with these.				

DIAMOND DRILL LOG

HOLE I.D: GS-06 | AZIMUTH: 000 | LENGTH: 302 FEET
PROJECT: MINTO | DIP: -90

INTERVAL FROM	TO	% REC	RQD	DESCRIPTION	INTERVAL FROM	TO	WIDTH	SAMPLE #	Au OPT	Ag g/t	Cu %
253.5	257.5	100	0.	eG: - Potassic altered eG: ~~strongly~~ magnetic 1-2% mx;							
(Box 20	253.5-266)			: strong k-spar alt^n; stockworking hairline ep+cb veinlets; 1-3 mm pinching milky white qz-fp+cb veinlets;							
257.5	302			BRITTLE AND DUCTILE/~~BRITTLE~~ SHEAR FABRIC TO CORE TO END OF HOLE;							
257.5	262.5	100	0.20	Peg: quartz + orthoclase enclosing BGFGn intervals; thin patches of biotite-magnetite rich mafic zones (BGFGn); : pervasive salmon pink or bleached white colour - crystal boundaries mushed through ductile deformation;	257	262	5.0	2248	<0.001	<1.0	<0.001
262.5	272	100	0.19	Potassic altered fg; ductile-brittle shear fabric;							
(Box 20	253.5-266)			: 260-262.5' brecciated fabric from anastomosing hairline fractures;	262	267	5.0	2249	<0.001	<1.0	0.005
(Box 21	266-279)			: ep veinlets clustered into 2" bands cause strong pink colouring; : 1-2% interstitial limonite; : 1-2% hematite with chlorite/sericite selvages to 1cm width;							
				: 265' 1cm chloritic (biotite) magnetite core, 30° TCA; when broken open, shows semi-polished surface where rare pants along shear planes;	267	272	5.0	2250	<0.001	<1.0	0.011
				: 265.5 1cm hematite/chlorite veinlet runs down 100 TCA to @ 270'; : 270-272: wk to little potassic alteration; 271' 5mm vuggy @ : trace magnetite and trace pale red garnets within BGFGn sections;							
272	273	50	0	FAULT;							
				: very strong clay development - biotite/chlorite rich;	272	277	5.0	001661	<0.001	<1.0	0.003
273	276.5	100	0	FG/BGFGn: very strongly foliated to segregated modal composition;							
(Box 21	266-279)			: strong chloritization of mafics, wk clay alteration of fp matrix; : highly fractured, highly magnetic; : 2% py, tr-1% cp, 2-3% mx;							

DIAMOND DRILL LOG

HOLE I.D.: 95-06 | AZIMUTH: 000 | LENGTH: 302 FEET | PAGE 9 of 9
PROPERTY: MINTO | DIP: -90 | LOGGED BY: FARRELL ANDERSEN

INTERVAL FROM	TO	%Rec	RQD	DESCRIPTION
276.5	278	50	0	FAULT GOUGE : WASHED OUT INTERVAL, DARK GREENISH BROWN clay rich interval;
278	280	100	0	BGFGA no magnetite; : intensely broken core : 2-3% hematite + 2% limonite assoc^{d} with shear planes;
280	281	80	0	FAULT -; : BGFGA reduced to dk greenish brown sand and some broken quartz-feldspathic rich core; : 1-2% hematite on polished fracture surfaces; : 1-2% limonite, pervasive through core, alt^{n} of brittle;
(Box 22 279-291.75)				
281	284.5	100	0	Peg; brittle sheared fabric; polished hem + clay surfaces; : 1-2% hematite, 1-2% limonite; trace pyrite; no magnetite;
284.5	286	100	0	HBD same unit as 238-253.5 feet, ductile deformation visible by wk. swirling of mafics; moderately clay altered; : contacts 45° T.C.A., mushed;
286	292	100	0.10	Peg; : small inclusions of CG; : deformation identical to 281-284.5 - same unit and 284.5-286 feet intruded Peg; all units sheared;
(Box 22 279-291.75)				
				289-292' potassic alt^{n} moderate; ep/qz-Fe veinlets have become hematite-sericite-chlorite.
292	302	83	0	CG; weak foliation; : potassic alt^{n} gradually decreases to 302'; : ep + qz veinlets once more; : highly broken core, shows 10% LM, <1% HM on clay altered surfaces; smooth undulating surfaces : trace magnetite replacing mafics;
(Box 23 291.75-302)				
				END OF HOLE 302';

INTERVAL FROM	TO	WIDTH	SAMPLE #	Au OPT	Ag g/t	Cu %
289	294	5.0	001662	<0.001	<1.0	0.003

DRILL LOG

HOLE I.D. 95-07 | AZIMUTH: 000 | LENGTH: 225' | PAGE 1 of 6

PROPERTY: MINTO | DIP: -40 | LOGGED BY: FARRELL ANDERSEN

COORDINATES COLLAR | N: 12709 | BEARING 000 | DATE STARTED 16/SEPT/95

E: 3766 | INCLINATION -90 | DATE COMPLETED 17/SEPT/95

ELEVATION 2992

INTERVAL FROM	TO	%Rec	RQD	DESCRIPTION	INTERVAL FROM	TO	WDTH	SAMPLE #
0	8		0	CASING; OVB.				
8 (Box 1 8-21)	19	78	0	pG: very broken core; strong fracturing due to weathering; mafics altered to chlorite, actinolite & epidote; :19' 3" BGn, magnetic,				
19 (Box 1 8-21) (Box 2 21-33.7) (Box 3 33.7-41.0)	38	100	0.39	pG: :mafics fresher; 1-3% replacement by epidote; biotite moderately altered to chlorite, hb altering to actinolite; :abundant fg-sgn phnos, equant to subhedral; :hairline to 2mm carbonate + limonite filling fractures; overall lim <1%, restricted to fractures; :2" v. broken Peg at 28.5'; 2" broken Peg with trace mx blebs 21.3' :33' trace cp, bo, mx in hairline-1mm limonite + hematite veinlet 90° T.C.A. :23' trace blebby mx assoc'd with 1mm lim+clb veinlet 90° T.C.A :38' close spaced hairline limonite and limonite + carb fracturing; lim+clb cuts lim.				
38 (Box 3 33.7-44)	40.5	100	0	And: micro-porphyritic texture; calcareous; :38-38.5: black, aphanitic groundmass with white wk clay altered fp porphyritic texture; strong reaction to HCl; :2% hematite disseminated through interval :1-3mm carb. veinlets through unit;				
40.5 (Box 4 44-53.5)	48.0	96	0.08	pG: :close spaced fracturing continues, less limonite; are relatively complete				
48.0 (Box 4 44-53.5)	52.0	70	0	pG: shattered interval; :limonite content ↑ to 5-7%; thin limonite coating on all pieces of core; :intensely broken core--highly fractured - cannot match up pieces due to broken nature;				
52 (Box 5 53.5-66)	56'	100	0.22	pG: strong limonitic + potassic alt^n; 53: pervasive limonite flooding of groundmass; 15-20% limonite; core is foliated around margins of a 2cm quartz + limonite vein, 30° T.C.A. 53.5: grass out of qz-lim veinlet and foliated zone to have potassic fp flooded interval with 3% hematite; Note: 41' to 55.5' core was very mixed up; best efforts were made to match it up but depths of fracturing, limonite are questionable;				

DIAMOND DRILL LOG:

HOLE I.D. 95-07 AZIMUTH: 000 LENGTH: 225'
PROPERTY: MINTO DIP -90

INTERVAL FROM	TO	%Rec	RQD	DESCRIPTION	INTERVAL FROM	TO	WIDTH	SAMPLE #
52	56'	100	0.22	CONT'D. : 55.3-56 Peg interval, lower contact in place, 30° T.C.A.				
56 (Box 5 53.5-66)	63.5	95	0.26	cG: mafic clots, biotites, smaller size than qz/fp groundmass; : small sections with crude foliation; : very little magnetite - trace to n.l; 1% limonite, fracture coatings & interstitial; : core breaks along limonite coated hairline fractures - moderately fractured unit;				
63.5 (Box 5 53.5-66) (Box 6 66-76.8)	105	97	0.16	pG: k-spar phenocrysts increase to give porphyroblastic texture; : more magnetic than cG unit above; trace magnetite, replaces cores of mafic clots; trace ep replacing edges of mafic clots; : 2% interstitial limonite; trace interstitial hematite. : unit alternates between pG and cG textures; still broken - moderately fractured; : 84.5 Peg, 1" wide; : limonite ↓ to trace at 101'. : 99.3 hairline hematite veinlet with 3mm ep selvages and 1" either side of k-spar envelope; : 100-105' average size of k-spar phenos has increased; dominantly euhedral shaped; increased amt. of epidote replacement of mafics; increased magnetite to 1%; : fractures through interval predominantly down the core axis;				
105 (Box 9 101.5-114.6)	114	100	0.55	cG: distinct lack of k-spar phenos; slight decrease in mafic content, relic hb crystal shapes; trace epidote around edges of mafic clots; : competent unit, very little fractures; : trace limonite, interstitial to groundmass : start getting carbonate infilling of fractures again - not seen since the Andesite unit at 38'; : magnetite present as discrete, square grains - accessory mineral;				
114 (Box 9 101.5-114.6)	114.6	70	0	Peg: v. broken core; 90% k-spar, 10% quartz; : strong chlorite/epidote alt^{n} of mafics in cG near Peg dyke;				

Note: 8-89' - very poor handling of core by drillers; spend ± 1 HR sorting core;

DIAMOND DRILL LOG

HOLE I.D: 95-07 | AZIMUTH: 000 | LENGTH: 225'
PROPERTY: MINTO | DIP: -90

INTERVAL FROM	TO	%Rec	RQD	DESCRIPTION
114.6	125	82	0.07	cG: intensely fractured. 114.6-115: 10% limonite; mafics strongly altered to actinolite, chlorite; : trace magnetite through interval - accessory mineral; 115 → down 1-2% limonite, interstitial to mafics and as thin coating on fracture surfaces; trace hematite assoc'd with fractures; cb assoc'd in fractures; 115.3: 2mm ep veinlet enclosed in a ½" k-spar envelope, 45° T.C.A; 116.5: 1-3mm swelling hematite, oxidized magnetite veinlet, 40° T.C.A; 117-126: core very broken; potassic alteration of groundmass 118-119: 2mm ep/cb/hm veinlet; 15° T.C.A - above alt'n assoc'd with veinlet; : mafics strongly altered to actinolite + chlorite; 119-121: Peg interval; no contacts available; v-broken; 121-123: potassic altered, hematite stained cG - shattered core; 123-125: 10% epidote replacing mafics; intense hairline fracturing, all angles to core axis
125	126	100	0	ARGILLIC ALTERATION : 10% limonite, pervasive flooding of groundmass; : 5% 1-3mm rubbly white qz veinlets, 150° T.C.A; : fp in groundmass completely kaolinized; igneous textures destroyed;
126	128	100	0.58	cG: strong limonite alteration. : mafics completely altered to chlorite, actinolite; : 1-2mm swelling hematite (after magnetite) veinlets, 30° T.C.A; : 1% magnetite oxidizing to hematite - disseminated 1mm squares; : strong carbonate contrit to core - saussuritization of plag to ep + cb + sericite; : hairline limonite fractures; 5% limonite interstitial to groundmass, pervasive light brown stain to core;
128	131	100	0.19	FAULT : repeating hairline dk red brown hematite + ep fractures 55° T.C.A; : 128' smooth, even surface - fault plane, 45° T.C.A, thin orange brown limonite coating on surface; : hairline cb+lm fractures, opposite dip to hm+ep fractures; : mafics altered to actinolite/chlorite; trace magnetite in cores; pale yellow clay around edges; : pervasive orange brown colour to core, due to hematite/limonite;

INTERVAL FROM	TO	WIDTH	SAMPLE #	Au OPT	Ag g/t	Cu %
125	130	5.0	22360	<.001	<1.0	<.001

DIAMOND DRILL LOG

HOLE I.D: 95-07 AZIMUTH: 000 LENGTH: 225'
PROPERTY: MINTO DIP -90

INTERVAL FROM	TO	%REC	RQD	DESCRIPTION	INTERVAL FROM	TO	WIDTH	SAMPLE #
				CONT'D				
128	131	100	0.19	F: FAULT ZONE				
(Box 11 126-137.5)				: 129.1-129.3: Fault gouge; 1cm dk red hematite clay zone at 129.2'; encompassed in a 2cm wide HW and 1cm wide footwall, dk reddish brown, massive hematite + carbonate zone; wallrock within this interval is brecciated; : very calcareous zone, both clay gouge and hem/carb vens. 129.3-130': continuation of pervasive limonite/hematite stained cG with hm+cb hairline veinlets; : also have 10% white, subhedral qz grains to 1cm size - possibly relic, however the groundmass is totally stained a light pinkish brown colour!! : 3mm ep+cb veinlet, parallels fault attitude at 129.4';				
131	132	100	0	cG: strong limonite alteration as per 126-128'.				
132	137.5	100	0	cG: intensely fractured; : 1% limonite, interstitial to groundmass; : trace magnetite - accessory mineral; : 137' 2cm pleg with 1mm magnetite spinning // 40° T.C.A;				
(Box 11-126 137.5)								
137.5	146.5	100	0.19	fG: foliated fabric; stronger magnetism than cG intervals; : 1% epidote around edges of mafic minerals; : trace kaolinite alt^n of fine grained K-spar groundmass; : 142.5-144' BGFGn: gneissic fabric; increased magnetism; Note: gradational changes from cG to fG to BGFGn and back; : 140.5-141' half of core is BGn; very weak magnetism; : 147.5' 5% epidote pervasively in groundmass assoc^d with hairline qz+ep veinlet 45° T.C.A				
(Box 12 137.5-149.5)								
146.5	153	100	0.18	cG: core is broken; moderately fractured; : core has crude foln; : No altering to actinolite;				
(Box 12 137.5-149.5) (Box 13 149.5-162.5)								
153	160	100	0.18	pG: K-spar porphyroblastic; : moderately fractured; trace limonite staining minerals or fracture surfaces;				
(Box 13 149.5-160.5)								

DIAMOND DRILL LOG

HOLE I.D. 95-07 | AZIMUTH: 000 | LENGTH: 225'
PROPERTY: MINTO | DIP: -40

FROM	TO	% REC	RQD	DESCRIPTION	INTERVAL FROM	INTERVAL TO	INTERVAL WIDTH	SAMPLE #
160	168.5	100	0	cG: coarse grained, granodiorite: trace magnetite.				
(Box 13	149.5	- 162.5)		:162.6 - 162.6: 10-12% epidote, replacing mafics, strong potassic flooding of groundmass;				
				:trace limonite staining minerals on fracture surfaces;				
				:162.4 - 163, 165.5 - 166.5: highly fractured intervals;				
168.5	170	100	0	fG: foliation defined by mafics; trace magnetite				
(Box 14	162.5	- 175.5)		168.6-169: white quartz + orthoclase patch;				
170	177	100	0.43	cG: occasional K-spar phenocrysts; trace magnetite as discrete grains - accessory mineral;				
				175.5 - 176: Peg dyke, 25° T.C.A upper & lower contacts;				
177	190	100	0.30	pG: >10 K-spar phenos per foot;				
(Box 15	175.5	- 185.5)		:3mm qz + sericite + hematite fracture 30° T.C.A at 177' marks start of pG;				
				: trace limonite, hematite + carbonate filling fractures; moderately fractured;				
				:180.5 + 181' have 5mm qz + epidote + sericite hematite veinlets 45° T.C.A;				
				: epidote forms 1mm selvages; 2cm potassic envelopes;				
190	203	100	0.28	cG grades into coarse grained granodiorite; marked log decrease in K-spar phenos to < 5 per foot; trace interstitial magnetite;				
(Box 16	185.5	- 205)		: relic hb present; trace epidote around edges of biotite;				
				194-196: highly fractured; trace carb on fractures; very trace ant. lim; (mi);				
(Box 17	205	- 210)		: trace hematite, hairline fractures;				
				:196.5': 1" Peg 40° T.C.A;				
				:197.4: 5mm epidote veinlet with hairline carbonate veinlets peripheral, enclosed in a 2cm potassic envelope: hb → actinolite, biotite → chlorite around this interval;				
				: trace magnetite through interval, discrete grains; interstitial at 201'-205'; (1-2%)				
				:198-203: highly fractured;				
203	205	100	0.26	Peg: 2' patch of K-spar + qz + 1% biotite (as pegmatitic books);				
				: interval ends at a carbonate with trace limonite fracture 30° T.C.A.				

DIAMOND DRILL LOG

HOLE I.D 95-07 | AZIMUTH: 000 | LENGTH: 225'
PROPERTY: MINTO | DIP: -90

INTERVAL FROM	TO	%REC	RQD	DESCRIPTION	INTERVAL FROM	TO	WIDTH	SAMPLE #
205	218.5	100	0.53	FG: : core has a coarse grained, weakly foliated to well foliated fabric/texture; : trace epidote around margins of biotite; 217-218.5: 1% limonite, trace hematite, interstitial to groundmass; also trace lim+carb. hairline fractures, various orientations to core axis; 218.5 5MM quartz+orthoclase veinlet 50° T.C.A. marks change to PG:				
(Box 17 201-5-215-2)				:1% magnetite, interstitial to groundmass and replacing cores of mafic clots;				
218.5	225	100	0.43	PG: : trace hem+lim as hairline fractures through interval; : trace to 1% epidote around margins of biotite; : trace biotite altered to chlorite; : trace magnetite replacing hb cores				
(Box 18 215-2-225)				E.O.H:				

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4620

September 22, 1995
Invoice #3341
Drill: #6

IN ACCOUNT WITH

Minto Explorations Ltd.,
6411 Imperial Avenue,
West Vancouver, B. C.
V7W 2J5

Drilling Charges September 16 to 22, 1995: (Minto)

Hole: 95-1/-90/HQ				
Coring				
227 - 297 = 70 ft.	@ $30.00 per ft.	=	$ 2,100.00	$ 2,100.00
Hole: 95-7/-90/HQ				
Waterline				
9 man hrs.	@ $33.00 per hr.	=	$ 297.00	
Casing				
0 - 8 = 8 ft.	@ $30.00 per ft.	=	$ 240.00	
Coring				
8 - 225 = 217 ft.	@ $30.00 per ft.	=	$ 6,510.00	$ 7,047.00
Hole: 95-4/-90/HQ				
Waterline				
4 man hrs.	@ $33.00 per hr.	=	$ 132.00	
Casing				
0 - 14 = 14 ft.	@ $30.00 per ft.	=	$ 420.00	
Coring				
14 - 231 = 217 ft.	@ $30.00 per ft.	=	$ 6,510.00	$ 7,062.00
Hole: 95-6/-90/HQ				
Waterline				
4 man hrs.	@ $33.00 per hr.	=	$ 132.00	
Casing				
0 - 8 = 8 ft.	@ $30.00 per ft.	=	$ 240.00	
Coring				
8 - 302 = 294 ft.	@ $30.00 per ft.	=	$ 8,820.00	$ 9,192.00

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 5H3 Phone (403) 668-2424 FAX (403) 668-4520

Hole: 95-12/-90/HQ				
Moving				
8 man hrs.	@ $33.00 per hr.	=	$ 264.00	
Waterline				
16 man hrs.	@ $33.00 per hr.	=	$ 528.00	
Casing				
0 - 16 = 16 ft.	@ $30.00 per ft.	=	$ 480.00	
Coring				
16 - 482 = 466 ft.	@ $30.00 per ft.	=	$ 13,980.00	$ 15,252.00
Tractor Hours D-6				
38 machine hrs.	@ $100.00 per hr.	=		$ 3,800.00
Sub Total				$44,453.00
G.S.T. R101557122 @ 7%				$ 3,111.71
		Total Invoice		$47,564.71

E. CARON DIAMOND DRILLING LTD. 7 Rounded Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4520

October 1, 1995
Invoice #3342
Drill: #6

IN ACCOUNT WITH

Minto Explorations Ltd.,
6411 Imperial Avenue,
West Vancouver, B. C.
V7W 2J5

Geotechnical Drilling Charges September 23 to October 1, 1995: (Minto)

Moving				
44 man hrs.	@ $33.00 per hr.	=	$ 1,452.00	
Drilling				
92 man hrs.	@ $33.00 per hr.	= $ 3,036.00		
46 machine hrs.	@ $21.00 per hr.	= $ 966.00	$ 4,002.00	
Testing				
19 man hrs.	@ $33.00 per hr.	= $ 627.00		
9.5 machine hrs.	@ $21.00 per hr.	= $ 199.50	$ 826.50	
Tractor Hours D-6				
54 machine hrs.	@ $100.00 per hr.	=	$ 5,400.00	$11,680.50
Items Consumed				
7 - 10' NQ rods	@ $160.40 each	= $ 1,122.80		
1 NQ core barrel	@ $426.60 each	= $ 426.60		
3 - 3' HWL casing	@ $118.75 each	= $ 356.25		
1 NQ shell 2N4258	@ $380.00 each	= $ 380.00		
1 NQ-3 bit 2P9990	@ $762.00 each	= $ 762.00		
1 NQ-3 bit 2G0855	@ $762.00 each	= $ 762.00		
1 NQ-3 bit 420909/3	@ $762.00 each	= $ 762.00		
1 HWL shoe 2L9640	@ $398.40 each	= $ 398.40		
1 HWL shoe 2N8040	@ $398.40 each	= $ 398.40		
1 HWL shoe 2N8041	@ $398.40 each	= $ 398.40		$ 5,766.85
Meals for Extra Men				
16 days @ $50.00 per day		=		$ 800.00
Sub Total				$18,247.35
G.S.T. R101557122 @ 7%				$ 1,277.31
		Total Invoice		$19,524.66

E. CARON DIAMOND DRILLING LTD. 7 Roundel Road Whitehorse, Yukon Y1A 3H3 Phone (403) 668-2424 FAX (403) 668-4520

September 15, 1995
Invoice #3337
Drill: #6

IN ACCOUNT WITH

Minto Explorations Ltd.,
6411 Imperial Avenue,
West Vancouver, B. C.
V7W 2J5

Drilling Charges September 9 to 15, 1995: (Minto)

Hole: 95-2/-90/HQ				
Moving				
50 man hrs.	@ $33.00 per hr.	=	$ 1,650.00	
Waterline				
26.5 man hrs.	@ $33.00 per hr.	=	$ 874.50	
Casing				
0 - 14 = 14 ft.	@ $30.00 per ft.	=	$ 420.00	
Coring				
14 - 338 = 324 ft.	@ $30.00 per ft.	=	$ 9,720.00	$12,664.50
Hole: 95-1/-90/HQ				
Waterline				
2 man hrs.	@ $33.00 per hr.	=	$ 66.00	
Casing				
0 - 12 = 12 ft.	@ $30.00 per ft.	=	$ 360.00	
Coring				
12 - 227 = 215 ft.	@ $30.00 per ft.	=	$ 6,450.00	$ 6,876.00
Tractor Hours D-6				
37 machine hrs.	@ $100.00 per hr.	=		$ 3,700.00
Yukon Building Supplies				
Invoice #248134 (lath)		=		$ 66.00
Sub Total				$23,306.50
G.S.T. R101557122 @ 7%				$ 1,631.45
		Total Invoice		$24,937.95

(North 60 Petro invoice #217352
for 30 drums will not be charged
if they are returned)

50,000 N (UTM)

48,000 N (UTM)

46,000 N (UTM)

44,000 N (UTM)

42,000 N (UTM)

60,000 E (UTM)

62,000 E (UTM)

64,000 E (UTM)

66,000 E (UTM)

68,000 E (UTM)

DEF CLAIMS

DEF LEASES

MINTO LEASES

MINTO CLAIMS

CORE STORAGE AREA

MINTO CANYON

MCT 5N

MCT 6N

MCT 4N

MCT 5N

MCT 7S

MCT 8S

MCT 13S

MCT 14S

MCT 10S

MCT 12S

MCT 3S

MCT 2S

○ 1995 DRILL HOLES (HQ CORE SIZE)

□ CORE STORAGE AREA

Vancouver Office
6411 Imperial Avenue
West Vancouver, BC
V7W 2J5

	DATE: 03/11/96	TIME: 10:27:31
1		
2		
3		
4		
5		

Minto Explorations Ltd.

MINTO PROPERTY, Yukon Territory

Regional Geology

Claims

093B 80

SCALE 1:12,500

SCALE (HORIZONTAL) 1": 1042' SCALE (VERTICAL) 1": 1042'

DWG (1)