Diamond Drill Record 015962

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COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME _____
PROPERTY NAME _____
DRILLING CONTRACTOR _____
ASSAYER _____
PURPOSE OF HOLE _____

HOLE NO. 73X-1
CLAIM NAME _____
COMMENCED _____
FINISHED _____
PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS
0	45		Overburden					
45	51		Weathered bedrock, no core recovery					
51	180	1CO	Quartzo-feldspathic bio-musc and musc-bio schist; med brown to lt. brown and beige, sub-aluminous (no aluminosilicate index minerals), thinly banded, non-calcareous, non-magnetic bio > musc and musc > bio schist; nearly complete D_2 transposition of D_1 fabric '51-150'; S_2 = 80° to c.a. @ 51.5'; S_2 = 75° to c.a. @ 92' S_2 = 75° to c.a. @ 116.5'; S_2 = 75° @ 127'; S_2 = 90° to c.a. @ 147'; S_2 = 80° to c.a. @ 163'; at 160' S_4 = 45° to c.a. and is axial planar to F_4 folds which are overturned to NE and ⇒ antiformal hinge to NE; this interval similar to base of schist map unit (1800-1900') as exposed in 456-75-12					
180	189	1CO & 1C8	Interbanded bio schist and ep + clinoamph. schist; dk brown to med. chartreuse green interbanded bio and calc-silicate schists interval c.f. base of calc-silicate map unit					
189	207	1CO	Quartzo-feldspathic bio-musc schist; as 51-180; incomplete D_2 transposition of D_1 fabric; incipiently devel. S_2 = 75° to c.a. @ 202 where $F_2 \simeq$ // to Lin of S_2 stuke; as 1800-1900' in 456-75-12					
207	223	1A0 > 1A8	Calc-silicate phyllite/schist; c.f. 180-189 approx 50% med. chartreuse green ep + cpx (augite) bearing assemblages and 50% lt. gray brown bio. phyll. interbands; interval weakly calcareous		1A here ≡ 1A in Ditch & GF2,3			
223	243	1A0	Carbonaceous bio. phyllite/schist; med-dk gray, thinly banded, non-					

Diamond Drill Record

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PROPERTY NAME
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ASSAYER
PURPOSE OF HOLE

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS
			quartzo-feldspathic bio. phyllite to schist; difficult to tell if interval infolded calc-silicate phyllite map unit or simply interbands of calc-silicate lithology in schist mapunit; D_2 transposition of D_1 fabric incomplete; style of folding and general absence of well developed S_2 not typical for calc-silicate unit; S_2 = 65° to c.a. @ 243' where $F_2 \approx$ // to line of S_2 strike.					
243	283	ICO	Quartzo-feldspathic bio. schist; c.f. 51-180, 189-207; 2' fault gouge zone 261-263 @ 50° to c.a.; incomplete D_2 transposition of D_1 fabric; (open to NE) S_1 subvertical from 264-268 in F_2 hinge zone; S_1 subvertical 272-280' in F_2 hinge zone (open to SW); interval 283-333 (2 bores) destroyed; $S_2 \approx 65°$ to c.a. 243-283'					
283	288	ICO (Reconstructed)	Quartzo-feldspathic bio-schist; inferred c.f. 243-283 from 1973 log by U. Jansons [interval lost]					
288	306	(Reconstructed)	Metabasalt; inferred from 1973 log by U. Jansons; probably blue-green chloritic-bio-plag assemblage. c.f. 491-526 which is intact [interval lost]					
306	331	IHO (Reconstructed)	Probably interbanded metabasalt and bio schist; this best fit from spilled core and 1973 log; could be skarn in part [interval lost]					
331	355		Interbanded qtz+cp silicated marbles and garnet-diopside skarn; interval intact; vertical 1/4-3/4" calcite filled fault 333-338'; S_2 = 70° to c.a. @ 354'					

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS
355	372	(Reconstructed)	Probably silicated marble; best guess based on thin lithology from 353-355; M-med. gray, thinly banded, variably carbonaceous, variably silicated calcitic, fine-med xline marble. [interval spilled & rehabilitated]					
372	379	(Reconstructed)	Clinopyroxene-epidote-garnet skarn; from 1973 log by A. Janssens					
379	397		Clinopyroxene-epidote-garnet skarn; massive mottled green and reddish brown, weakly calcareous skarn; minor scheelite tamped in all sections of this lithology					
397	403	1A0→1A8	Interbanded metatuffite and qtz-bio. schist; thinly banded, blue green finely xline metatuffite and dk brown bio schist interlayered on scale of .1-4.0"; S_2 = 70° to c.a. @ 400' where $F_2 = L_2 = 0°$ (or 11) to line of S_2 strike					
403	444.5	(Reconstructed)	Clinopyroxene-garnet-epidote skarn; as inferred from spilled and rehabilitated skarn above and beyond that accounted for in Janssens' 1973 log [interval spilled and rehabilitated]					
444.5	450		Garnet-epidote-clinopyroxene skarn; massive pink and mottled green weakly calcareous, non-magnetic skarn					
450	454	1C0→1A0	Quartzo-feldspathic biotite schist; dk. brown, thinly banded, non-calcareous, non-magnetic biotite schist; D_2 transposition essentially complete; S_2 = 70° to c.a. @ 453.5					
454	462.5		Coarsely xline garnet-clinopyroxene skarn associated w/ hypersolvus pegmatite; c.f. 444.5-450 except for coarse xline garnets; presence of					

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS						
			F_2 folds in skarn assemblage raises question of whether skarn pre-D_2 or whether skarn developed as replacement (isovolumetric) of D_2 fabric and related to Amiel Batholith											
462.5	464.25		Hypersolvus, nearly graphic pegmatite; foliaform, unfoliated, K-feldspar pegmatite of probable post-D_2 age as suggested by slightly discordant contact											
464.25	468	ICO	Quartzo-feldspathic protolith-albite schist/gneiss; med. gray brown, thinly banded, non-calcareous, non-graphitic; weakly magnetic bio-albite schist; D_2 transposition of D_1 fabric incomplete; S_2 = 65° to c.a. @ 467'											
469	492	ICO (Reconstructed)	Quartzo-feldspathic protolith-albite schist and interbanded metatrachyte; c.f. 464.25-468 informal from 1973 log by W. Parsons [interval lost]		1A unit assoc w/ tactite/silicated marble sequence in FC magnum									
492	526	1A0→ 1A8	Metatrachyte and minor interbanded bio-albite schist; dk. blue green weakly banded, massive to weakly foliated metatrachyte w/ ≈10% interbanded bio-albite schist c.f. 464.25-468; complete D_2 transposition of D_1 fabric; S_2 = 55° to c.a. @ 510'											
526	585	1A0→ 1A8	Interbanded sequence of metatrachytes and bio-albite schist; thinly banded sequence of 0.5-6" blue green metatrachyte and dk. brown bio-albite schists; incomplete D_2 transposition of D_1 fabric; interval 464.25-616.5 not similar to any of schist map units as seen in 456-75-12 and is probably a mafic metavolcanic zone in local part											

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS						
			(1900-2300') of schist map unit; S_1 subparallel to core axis 535-600' suggesting a large F_2 hinge zone over this interval, if S_2 dips 50° @ drill collar, F_2 closure would be to SW as inferred from S_1/S_2 relations b/w 533-537';											
585	616.5	(Reconstructed)	Interbanded sequence of metatrocto and bio chlor schist; inferred											
		IAG → IAB	to be identical to 526-585 from Jansens' 1973 log and from spilled reconstructed core over this interval [interval spilled and reconstructed]											
616.5	633	(Reconstructed)	Hb-bio diorite; H-med. gray green, porphyritic, post-D_2 Hb-bio. diorite as seen @ N end of pit; inferred from reconstructed core and Jansens' 1973 log [interval spilled and reconstructed]											
633	650		Hb-bio. diorite; as 616.5-633											
	650	EOH												

LOCATION Faro Grid
SECTION
CO-ORDINATES (N) - (E) -
ELEVATION
PROPERTY Anvil

DIAMOND DRILL CORE LOG - SAMPLE RECORD

STARTED
COMPLETED
DIP -90° DIRECTION
Logged by U. Jansons, Sept. 27/73
HOLE No. 73X1 PAGE No. 1

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
0	45	Overburden										~~2½ Skarn~~		
45	51	No core	@ 51' S_2 70° from axis of									~~1 Sil marble~~		
51	616½	Qtz. bio. chl. ser. schist	core. $S_2 = S_3$??									2½	BS + Meta	
248	268	Strong hematite staining from rock (~tr. gal-	@ 116' S_2 (=S_3 ??) ~ 70°										on 9 200	
		ena)	from axis of core				243-288	QFBS						
288	306	Chl. ser. qtz. schist (low bio. phase)	@ 268' S_2 vert. (⊥ to				288-306	Metatarsite				★	253	307
336	350	1/4 - 3/4" vertical shear (⊥ to core)	axis of core). Then cut				331-353	Skarn + Sil. mar.				★	307	331
							353-372	Silicated marble						
372	397	Highly garnetiferous + andalusite + epidote.	by S_3(?) ~ 70-80° from				372-397	Skarn					331	353
	72 25 5	Looks like skarn zone.	axis of core.				397-403 403-441.5	Metatarsite & BS Skarn				Sil Mar. ★	355	379
445	450	Pegmatitic fspar (skarn) zone	@ 310' ⊥ to axis of core				441.5-450	Skarn					379	403
450	454½	Qtz. bio. ser. chl. schist	@ 408' S_2 70° from axis				450-455	QFBS				★	403	423.5
454½	464	Pegmatitic garnetiferous fspar + chlorite zone	of core				455-464	Skarn				★	423.5	449.5
491	526	Chlorite rich zone (Metatarsite)	@ 451' S_2 80° from axis				464-491	~~BS~~ BS + Metatarsite					441.5	469
464	616½	Bio. qtz. ser. schist to chl. qtz. ser. sch.	of core				491-526	Metatarsite				★	469	491
			@ 510' S_2 ~ ⊥ to core and				526-616.5	Intermediate QFBS + Metatarsite						
			sheared to 50° from axis											
			of core											

LOCATION .....
SECTION .....
CO-ORDINATES (N) - (E) -
ELEVATION .....
PROPERTY .....

DIAMOND DRILL CORE LOG - SAMPLE RECORD

STARTED .....
COMPLETED .....
DIP ..... ° DIRECTION .....
Logged by .....
HOLE No. 73X1 PAGE No. 2

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS									
FROM	TO				From	To	Footage	AU	AG	PB	ZN	CU	Fe	S
			@ 528' S_2 50° from axis											
			of core (~ dip 40°)											
			@ 578' S_2? - vertical											
			(|| to axis of core)											
			S_3 - horix. ⊥ to axis of											
			core.											
			S_2 @ 603-610 banding ||											
			to axis of core.											
616½	650	Biotite diorite (?) - granodiorite porphyritic	Tr. pyrite and pyrr.											
		w/bio. phenocrysts and aphanitic ground mass.												
		Top contact sharp. No indication of skarn or												
		hornfels formation.												