

Diamond Drill Record

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. _____

CLAIM NAME _____

COMMENCED _____

FINISHED _____

PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS				RECOVERY			
				FROM	TO	WIDTH	NO.					Interval	Recovery	Interval	Recovery
91.5	432.5	(in concl)	garnetiferous from 397' to end of interval, blue-green chlorite blebs may represent andalusite retrogressed to chlorite, lt. brown andul. scattered randomly thruout entire interval, $S_2 = 90^\circ$ to c.a. @ 250', $S_2 = 85^\circ - 90^\circ$ to c.a. @ 300', $S_2 = 85^\circ$ to c.a. @ 349', F_2 sub II to line of $S_2 \Sigma$ @ 338' $S_2 = 80^\circ$ to c.a. @ 338', $S_2 = 85^\circ$ to c.a. @ 400'									250-256	4.5'	418.5-429	10.5'
												256-260	3.25'	429-431	2.5'
												260-265	3.75'	431-437	5.5'
												265-273.5	7.5'	437-438.5	1.5'
432.5	437		Musc-Chlor-Bio Schist; lt. greenish beige with occasional dk brown bio-blotches, interval blocky several minor gouge zones and considerable qtz-chlor-andul post D_2 veining									273.5-284	10.0'	438.5-443	5.0'
437	442.75		Bio-Musc = chlor-schist; interval contains minor quartzo-feldspathic bands and no recognizable aluminous silicates									284-288	4.0'	443-451	7.3'
												288-294.5	4.0'	451-453	2.0'
												294.5-297	4.25'	453-462	9.0'
442.75	448.5		Chlor-Chlor-Amph-Schist or Metabasite: unit med grey green, non-calc/non mag and probably of meta-volcanic origin									297-303.5	6.0'	462-472	10.0'
												303.5-313	9.5'	472-482	10.0'
448.5	452		Bio-Chlor-Musc-Schist; as 437-442.75, $S_2 = 70^\circ$ to c.a. @ 451									313-323	10.0'	482-492	10.0'
452	453		Bio-Chlor-Schist; med grey-green, laminally banded schists of probable meta-volcanic origin									323-327	4.0'	492-502	10.0'
453	537.5	163.8	Quartzo-feldspathic-Bio-Musc-Andal-Schist; dk grey brown, weakly mottled, slightly quartzo-feldspathic slightly aluminous, two-mica-schist, with v. minor bio-musc-garn. schist and no observable stauz. Six inch gouge zone @ 453.5. F_2 sub II to line of $S_2 \Sigma$ @ 462', where weakly developed $S_2 = 80^\circ$ to c.a. @ 462', $S_2 \approx S_1 = 70^\circ$ to c.a. @ 498' where F_2 sub II to line of S_2 strike									327-337	10.0'	502-512	10.0'
												337-347	10.0'	512-522	10.0'
												347-357	10.0'	522-532	10.0'
												356-367	10.0'	532-542	10.0'
537.5	552		Siliceous Graphitic Schist: unit thin to laminally banded, variably graphitic, dk grey to black, heavily CO_2 -qtz-veined schists, slightly calcareous, minor py-po, slightly mag, sulfides << 1% $S_2 = 80^\circ$ to c.a. @ 552 minor F_2 hinges thruout interval									367-377.5	10.5'	542-552	10.0'
												377.5-388	10.5'		
												388-398	10.0'		
552	555		Bio-Musc-Chlor-Andal Schist; thinly banded, lt. med brown-grey-green, slightly calcareous schist with chloritized andul knots									398-408.5	10.5'		
												408.5-418.5	10.0'		

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				FROM	TO	WIDTH	NO.					
666.5	693.5		Bio-Musc-Andal-Schist & Musc-Bio-Andal-Schists; as 632.5-655.5, minor garnetiferous sections and numerous 2"-12" qtz, pink andal-chlorite stringers.							Interval	Recovery	
		211.4								592-602.5	10'	
										602.5-612.5	10'	
693.5	696		Fault gouge in bio-musc-and. schist; angular fragments of various lithologies in punky gouge matrix							622.5-631	9'	
696	698		Musc-bio-andalusite schist; interval of broken, blocky core between gouge zones							631-641.5	10'	
										641.5-651.5	10'	
698	699	213.1	Fault gouge in bio-musc-and. schist; as 693.5-696; entire interval 693.5-699' represents major fault zone.							651.5-661.5	10'	
										661.5-671.75	10'	
699	716.5		Bio-musc-andalusite schist & bio-musc-staur. schist; mod. esely x-line, med. dk. brown, moderately qtz-feldspathic 2 mica aluminous pelitic schist; D ₂ transposition of D ₁ fabric nearly complete; S ₂ = 85° to ca. @ 700'							671.75-682	10'	
										682-692	10'	
										692-702	10'	
716.5	719		Metabasite; med. dk. green hb-plag. amphibolite							702-712.5	10'	
719	737	224.6	Bio-musc-staur-gar schist; med. dk. brown pelitic schist w/ complete D ₂ transposition of D ₁ fabric							712.5-722.5	10'	
										722.5-733	5'	
737	757.5	230.9	Silicified marble w/interbanded metabasite; alternately lt. green to dk. green thinly banded (0.1-12.0") silicified marble band w/in schist unit; metabasite bands could be "metasomatic amphibolites" developed by reaction between pelitic interbands and enclosing marble; assemblage in marble bands = diop-gross-CO ₂ -qtz, assemblage in metabasite bands = hb-bio-plag-gtz; prominent 1/2 chloritized diorite dike @ 745' gouge zones @ 454' and 457-1; S ₂ = 75° to ca @ 750'							733-742.5	9'	
										742.5-753	10'	
										753-758.5	5'	

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS					
				FROM	TO	WIDTH	NO.						
757.5	776	236.5	Calc-silicate schist/phyllite: thinly banded, very calcareous, purplish br. ^{lt. green} bio phyll/schist and interbanded, dump- CO_2 c.f. typical calc. silicate phyll. map unit; interval <u>NOT</u> typical calc-silicate phyllite but zone of pelitic bands w/in silicated marble band in schist unit; some evidence for "metasomatic" devel. of amphibolite assemblages @ marble-pelite contacts; gouge zone 757.5-759.									757.5-768.5	10
												768.5-778.5	10
												778.5-789	10
												789-799	10
												799-808.5	9.5
												808.5-819.5	10.5
776	829.5	252.8	Silicated marble; c.f. 737-757.5; interval med. greenish gray due to >60% $CaCO_3$ content; toward bottom of interval <u>is</u> nearly pure marble w/ prevalent boudinage of more competent chlor-clinoamph. schist interbands; $S_2 = 75^\circ$ to c.a. @ 800'									819.5-830	10.5
												830-840	10
												840-850.5	10.5
												850.5-860.5	10
829.5	834.0	254.2	Metabasite; as 716.5-719 except heavily epidotized adjacent to gouge zone 830.5-832, 2-3" gouge zone @ 30° to c.a. 830.5-832'									860.5-871	10
												871-881	10
834	1352.5	412.2	Quartz feldspathic bio-musc-gar-staur & ^{minor interbanded} musc-bio-and. schist; dk. br. mod. curly sl fine 2 mica schist w/ <1% pyralspite garnet and 1-2% rosin brown staur interval contains 5-10% musc >> bio. andalusite schist; D. trans position of D. fabric incomplete as many disharmonic, relict F_2 hinges; interval more gty feldspathic than pelitic schists enveloping Faro deposit; $S_2 = 80^\circ$ to c.a. @ 850.5'; $S_1 = 0^\circ$ to c.a. 868-819' in core of F_2 hinge; Bull gty pod 919.5-923.5'; $S_2 = 75^\circ$ to c.a. @ 930'; $S_1 = 0^\circ$ to c.a. 983-989 = F_2 hinge; $S_1 = S_2 = 80-85^\circ$ to c.a. @ 1000'; much of musc-rich assemblage irreg. devel.									881-891.5	10
												891.5-901.5	10
												901.5-907	5.75
												907-917	10
												917-927	10
												927-937	10
												937-947	10
												947-957	10
												957-962	5

<u>Footage</u>	<u>Stage</u>	<u>Comments</u>
114	Z	nearly pervasive S ₂ 11.5-114
143.5	S	
156	S	
174	S	
191.5	Z	
206	Z	
243	S	
258.5	S	
285	Z	
327	S	
328	S	nearly pervasive S ₂ 328-359
359	S	
385	S	
399	S	
410	Z	
435	S	
440	M	pervasive S ₂ 440-476
476	S	
478	S	
479	S	
484-492	M	microscopic F ₂ lenses
493	Z	pervasive S ₂ 493-497.5 ; pervasive S ₂ in mass sulcs 497.5-554
		pervasive S ₂ 554-573
574	S	
576-582	M	
588	Z	
604	Z	
606-613	M	
621	S	
647	Z	
651-655	M	
658.5	Z	
683	S	
711	S	
718.5	S	
734	S	
741	S	
753	S	
753-758	M	

767	Z
778	S
781	M
782	Z
786-790	M
797	S
843	Z
850-854	M
856.5	S
860-865	M
869-870	S
875	S
877-878	S
890	S
910-918	M
921.5	S
931	Z
933	S
954.5	Z
963-964	M
975	S
976.5	Z
982-983	S
985	S
991	S
991-992	M
995	Z
995-1003	M ?
1008	S
1010-1012	S
1021-1022	S
1023	S
1026	Z
1030	S
1034	Z
1036	Z
1047	S
1049	S
1058	S
1067	S
1050-1090	M

by: very complex Fr kugle

1094	S
1099	S
1115	S
1127	S
1145	S
1156	Z
1174-1180	S
1181	S
1192	S
1196	S
1220	S
1212	S
1259.5	S
1278	S
1332	S
1341	S
1347	S
1357	S
1366	S
1381.5	S
1397-1399	M
1407	S
1422.5	S
1427	S
1432	S
1449.5	S
1481.5	Z?
1588	S
1601-1603	S
1668	S
1686.5	S
1683	S
1695	S
1700.5	S
1701	M
1725-1725	S
1736	S
1753	S
1772	S
1770	Z

perovskite S_2 1280 - 1330

perovskite S_2 1451 - 1479

F_2 axes \perp to line of S_2 strike 1480 - 1557 NFB for symmetry

perovskite S_2 1557 - 1588

perovskite S_2 1604 - 1667

F_2 axes \perp to line of S_2 strike 1754 - 1802

Probably NFB } axes \perp to S_2 & \parallel to line of section

Basalts and intrusive rocks over remainder of hole