

Diamond Drill Record

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

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

HOLE NO. 456-75-12
 CLAIM NAME _____
 COMMENCED _____
 FINISHED _____
 PROJECT NO. _____

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS				RECOVERY			
				FROM	TO	WIDTH	NO.					INTERNAL	RECOVERY		
276	292		Calc-Sil-Phyll; as 234.5-242.5, variably carbonaceous with a fair no of hairline calc-stringers. Majority of unit is an alternating sequence of blue-gray chlor-clino-amph bands & purplish-brown bio-phyllite. Unit exhibits bull gtz. veinlets (< 1% py associated) and epidote filled hairline fractures. Biotite bands decrease towards base of unit in an irregular manner.									276-280.5	4.5'	425-428	10.0
												280.5-284	3.5'	428.5-432	8.5'
												284-299	12'	432-438.5	8.0'
												299-308.5	9.25'	438.5-442	10.25
292	415.5		Calc-Sil-Phyllite and Bio Phyllite interbedded; reddish brown bio-phyllite comprises between 20%-30% of total unit while the blue-green-gray chlor-clino-amph makes up the remaining portion of the unit. The bio bands are spaced randomly throughout in varying thicknesses. Minor epidote development particularly within fracture zones suggesting a secondary origin, variably calcareous; S ₂ = 75° to c.a. @ 300', S ₂ = 80° to c.a. @ 350'; S ₂ = 80° to c.a. @ 400'									308.5-313	4.25'	442-500.5	10.5
												313-317	2.5'		
												317-323.5	3.4'		
												323.5-331	10'		
												331-344	10'		
415.5	423		Carbonaceous Calc-Sil-Phyllite; thinly to laminae banded, grey to black calcareous phyllite; minor (< 10%) Chlor-Clino-Amph-bands + calcareous bands, variably pyritic; generally < 1% but up to 15% over 1" bands, no base metals.									344-354	10'		
												354-364	10'		
												364-374.5	10'		
423	473		Calc-Sil-Phyllite and Bio-Phyllite interbedded; as 292-415.5. However a 2' interval @ 414'-416' and a 1' interval @ 414'-415' of bio-musc-andul-schist assemblage. This demonstrates the gradational nature of the phyllite-schist map unit contact. Variably calcareous and randomly carbonaceous throughout interval. Minor py & po (< 1%) bands and blebs. Zone of broken core @ 469'-472'. S ₂ = 90° to c.a. @ 450'									374.5-385	10'		
												385-395	10'		
												395-405	10'		
												405-415	10'		
												415-423.5	3.3'		
473	476		Bio-Musc-Andul-Schist; Brown to grey laminae banded with near black andalusite porphs non-calc, non-mag; Description also applies to 344'-346' and 364-365' BMAS intervals									423.5-431.5	10.0'		
476	534		Transitional Zone of Int. banded Calc-Sil-Phyllite, Bio-Phyllite and Carbonaceous-Calc-Sil-Phyllite; transitional zone between bio-musc-andul-schist and phyllite. Description also applies to 344'-346' and 364-365' BMAS intervals									431.5-442	10.5'		
												442-450	10.25'		

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

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS				RECOVERY			
				FROM	TO	WIDTH	NO.					RECOVERED	PERCENT		
476	534		Grey-white Post D ₂ Bull Qtz remaining predominates @ 531'-534'. This unit typifies the base of the calc-sil magm-unit. S ₂ = 75° to c.a. @ 501'; Rich in Biotite, Good scattered showings of py and po, Bands range as high as high as 25'-30" Po @ 477.5-479.1. No base metals!! Sulfides are foliaform with some X-cutting py-filled hairline fractures. Po > Py by 2:1.									502.5-510.5	8'	772-771.5	9.5
												510.5-521	10.25'	745-732	9.5
												521-531	10'	732-730	8'
												531-541	10'	730-740	10'
534	543.5		Carbonaceous Bio-Musc-Andul-Schist; med to dk grey brown, porphyroblastic, bio > musc schist with pervasive po (<1%) over interval									541-551	10'	740-750	10'
												551-558.5	8'	750.5-748	10.5
543.5	597		Bio-Musc-Andul-Schist, med-grey, porphyroblastic, noncarbonaceous, bio > musc schist disseminated (≤1%) po (543.5'-549'); S ₂ = 70° to c.a. @ 550'; <1% disseminated po. 573-597									558.5-567.5	9.3'	748-771	10'
												567.5-572	2.3'	771-781	10'
597	598		Musc-Bio-Schist, strongly banded, yellowish beige and dk brown; musc > bio schist									572-582	10'	781-792.5	10'
598	732.5		Bio-Musc-Andul-Schist; as 543.5'-597', Note D ₂ transposition of D ₁ fabric essentially complete; S ₂ = 70° to c.a. @ 600', S ₂ = 70° to c.a. @ 650', S ₂ = 70° to c.a. @ 700.5; Gauge zeros as follows: @ 620'-620.5' & @ 622'-623'. Disseminated po, generally <1% 598'-732.5'. Note disseminated po @ 573'-751', <1% and appears as part of phase assemblage. Entire schist unit has been examined with hand magnet to define this zone. No base metal sulfides seen.									582-592	10'	792.5-801	10'
												592-602.5	10'		
												602.5-612.5	10'		
												612.5-623	10'		
												623-633	10'		
732.5	741		Interbanded Chlor-Clino-Amph Schists and Bio-Musc-Andul-Schists; alternating 1" thick bands, med blue-gray-green to grey-brown									633-643	10'		
												643-653.5	10'		
741	803		Bio-Musc-Andul-Schists, as 543.5'-597' & 598'-732.5' numerous 6" to 1" bullqtz pods or veins. @ 765.5' = 2" gauge, disseminated po ≤ 1% from 741'-751' S ₂ = 75° to c.a. @ 750', S ₂ = 75° to c.a. @ 800'									653.5-667	9.5'		
												667-675	10'		
												675-685	10'		
												685-692	8'		
												692-702	10'		

DEPTH	FOOTAGE	AZIMUTH	DIP
EAST			
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				FROM	TO	WIDTH	NO.							
1231	1236.5		Musc-bio-andalusite schist; c.f. 1303-1316; internal pervasively cut by post-D ₂ gty pole/veins; @ 1333' schist magmatized entire transitional zone internal between 1534-1333 and 1528-2302									1329.5-1337	7.5'	1331.5-1345
1336.5	1440.5		Bio-musc- ^{staur.} andalusite schist; med. gray brown, early prophyroblastic bio > musc, pelitic schist; this unit c.f. 1082.5-1303 except slightly more gty-feldspathic and bio is reddish brown similar to gty-fld-spathic schists lower in strat. sequence; iron brown stain propha (a 0.1-0.2") scattered throughout internal; internal 1419.5-1437' contains po as ab forming mineral (1-5% po) c.f. 1099.5-1281.5'; no apparent base-metal sulfides									1345-1355	7.75'	1345-1355
												1345-1355	10.5'	
												1355-1364	10'	
												1364-1376	10'	
												1376-1384	10'	
												1384-1395	10'	
												1395-1407	10.25'	
												1407-1417	10'	
1440.5	1448.5		Chlor-clinoamphi-ep schist/metabasite; med. gray green, thinly bedded slightly carbonaceous schist of probable metavolcanic origin									1417-1427	10'	
												1427-1437	10'	
1448.5	1452.25		Bio-musc-andalusite schist; as 1336.5-1440.5 except staur absent S ₁ = 80° to c.a. @ 1450'									1437-1447	10'	
												1447-1457	10'	
1452.25	1455		Chlor-clinoamphi-ep schist/metabasite; as 1440.5-1448.5									1457-1467	10'	
1455	1528		Bio-musc and schist and bio-musc-staur-gas schist; med. gray brown, early prophyroblastic, bio > musc, pelitic schists of variable assemblage; unit more gty-feldspathic than 1082.5-1303 w/ complete D ₂ and incipient D ₃ folding and in-situ po at trough - musc scattered thin									1467-1477	10.25'	
												1477-1487	9.25'	
												1487-1497	10'	
												1497-1507	10'	
												1507-1516	10.5'	
1528	1566		Quartz-feldspathic bio-musc ^{staur.} schist and musc bio-musc and schist; from lower 1528 schist zone and becomes more staur-feldspathic and siliceous									1516-1528	10'	
												1528-1538	10'	

596.5	Z		
603	S		
715.5	S		
739.5	S		
749	Z		
751	Z	F ₂ // S ₂ dep	752-810
817.5	S		
824	S		
842	S		
853	S		
865.5	S		
878	S	pass S ₂	878 - 946
939	S		
959	S		
1086	S	deserte	966.5-1082
1118	S		
1145.5	S		
1160	S		
1193	M/S		
1202	S		
1216	S		
1235	S		

320 LX Pacific Rainproof
456-75-12

①

	106.5	S		
	111.5	S		
	127	S		
	137	S		
	146	S		
	154	S		
	163.5	S		
	177	S		
	203	S		
	223	S		
	280.5	S	prev. S ₂	225-280'
	311.5	Z		
	317.5	Z	prev. S ₂	318-380
	381.5	S	" "	382-414
	414.5	Z	" "	415-444
	2144	Z		
	505	Z	prev. S ₂	445-505
	524	S		
	556	Z	prev S ₂	557-630'
	630.5	Z		
	632	S		

~~to SE~~
~~reverse~~

3

1266.5 S

1272 M

1275 Z

1287 S

1300.5 M

1320 S

1335-1345 M

1359.5 S

1361.5 S

1382-1384 M

1389.5 Z

1402 Z

1420 Z

1434 Z

1441 S

1461 Z

1468 S

1476 S

1486 Z

1488 M

1489 Z

1498 S

	1525	S			
(	1529.5	S			
	1535	S			
	1554	S			
(	1564	S			
	1582	S			
	1607	S	per S ₂	160-1640	
(	1644	S			
	1655	Z			
	1671	S			
	1674	S			
	1692	M			
	1698	S			
	1712	S			
	1715	S			
(	1729	S			
	1746	S			
	1775-1781	S			
(	1809	S			
	1818	S			
	1819	M	per S ₂	1820-1844	
	1846	Z			

(6)

2197 S

2203.5 S

2200-2203 M

2214 S

2221 S

2243 S

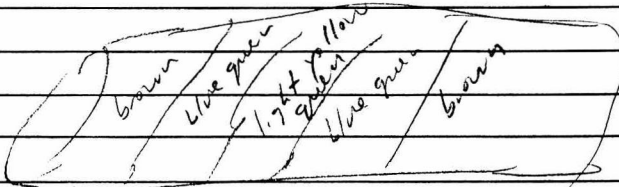

2257 S

2283.5 S

	1874.5	S		
C	1880	M		
	1887-1889	S		
	1896	S	intrusion	1904.5-1915
C	1923	S	intrusion	1924-1943.5
	1977.5	S	per S ₂	1944-1975
	1985	S		
C	2016	S	per S ₂	1990-2010
	2028	S		
	2034	S		
	2035-2038.5	M		
	2039	S		
	2049	S		
	2059	S		
	2070	S		
C	2080	M		
	2088-2090	Z		
	2107	S		
C	2113-2114	S		
	2114-2122	M		
	2122	S		
	2138	S		
C	2157-2160	S		

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16 20 22 24 26 28 30 34 35					
	00	19.6		1	#	overburden
		166		2		purplish brown >> blue green and has white calcareous stripes ^{lithias} - dk med grey bands in last 5' - 151 end is not very rich in calc stripes 5% opposed to 25%
		191.5		3		poor in calc stripes almost subequal bluish green and brown, some grey green intervals
		203.5		4		fairly homogeneous yellowish (epidote?) green with light dark green banding // to foliation - darker bands tend to blue green - looks like SD
		231.4		5		brn > lt blue green and with white stripes - colors look washed out brown is lighter and not so purple & "blue green" is really closer to yellow green - 1st 5' of unit is v. broken & is this altered by fault waters??
		240.5		6		brn & blue green few white calc stripes - colors are back to normal
		270		7		brown & blue green fairly abundant white calc stripes - short intervals (1-3') of brown dominant and green dominant
		291.5		8		brown ~ or < blue green few white stripes short brown green intervals
		316		19		yellowish blue green dominant some stripes < between 758 - has the color of unit 4 but lithias of unit 2 is this SD derived??

structure says SB derived 0.15 at SB8 derived??

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28 30	34 35	
		41/5		10		<p>mixture of brown blue green and yellowish green to off white non calcareous amine ^{amine} that appear to have epidote and diop?</p> <p>Slight tendency for zoning across S_2</p>  <p>non calc light bands have a dirty yellowish to brownish green look to them as opposed to the white light colored stripes at top of hole which were calcite bearing</p> <p>This is a heterogeneous unit ^{unit} which has short blue green and short brown dominant intervals both of which have the lighter coarser granular</p> <p>There is a tendency for the blue green intervals to have fractures in them while the brown don't complementing small scale observations like?</p> 

C.A.M.C. 1981 - E - 3A

base of unit is
base of 3D

could some 2' sections
of green derived from SD. for
example @ 388

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10	14 16	20 22 24	26 28 30	34 35	
		539				This is transition zone. it consists of
						50% a) medium yellow ^{to bluish} green chloritic phyllite with
						dk chl spots - not terribly unlike unit 4
						and with sections like 5C* - the rocks don't generally
						have l. thin structure but do have irregular
						folded gtz calc layers like 5D - the rocks are
						variably calcareous - these metab. are not very
						different from the green that alternates with the
						brown. (note 430-435 missing and assumed to be this)
						20% b) ID schist / phyllite
						15% c) carbonaceous phyllite (IE)
						10% d) calc silicate that is dominantly brown and
						blue green like the CNR-76-01 calc sils
						5% e) purplish brown gtz bio sch like near frth
						in footwall of fire fault
						100%
						IE, not much calc sil - that which is present
						is like the CNR calc sils.