Diamond Drill Record

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

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

015960

Relogged to CCL

HOLE NO. 72-5
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS
0	2		Broken rock (pit bench)					
2	19		Calc-silicate phyllite; cpx-ep-plag-CO_3 assemblage member					
19	23		Calc-silicate phyllite; calcareous phyllite member					
23	44		Calc-silicate phyllite; chlo-clinozoisite-ep. member w/ essentially no bio-phyll. interbands and minor thin $CaCO_3$-rich interbands; mildly core 31-33' possible fault zone					
44	64		Calc-silicate phyllite; interbanded sequence of cpx-ep. calc-silicate lithons, bio. phyll lithons and thin $CaCO_3$-rich bands; banding 0.1-0.5" in thickness between banding S_2 surfaces; S_2 = 70° to c.a. @ 51' where F_2 = 40° to line of S_2 strike and plunges 65; post D_2 recrystallization (L_3 or L_4) = 60° to line of S_2 strike @ this point					
64	70		Calc-silicate phyllite; chlo-ep. phyllite; thinly banded, med yellow gray green, weakly calcareous phyllite					
70	77.5		Calc-silicate phyllite; as 44-64					
77.5	91		Calc-silicate phyllite; thinly banded, almost entirely decrystallized calcareous chloritic phyllite; could be related to brecciation or faulting as numerous gouge zones thru interval and 1-2" brec zone @ 89'					
91	116		Calc-silicate phyllite; typical cpx-plag-CO_3 and purplish brown bio. phyll. member; S_2 = 80° to c.a. @ 100'; nearly complete D_2 transposition of D_1 fabric throughout calc-silicate interval					
116	180		Calc-silicate phyllite; med. blue green chlo-clinozoisite assemblage					

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS						
			w/ about 10% brown bio. phyll interbands and prevalent cross cutting qtz. rich stringers; S_2 = 75-80° to c.a. @ 150'. 1' gouge @ 70° to c.a. 158-159											
180	244		chlo-silicate phyllite; completely enclosed sequence of slightly carbonaceous bio. phyll; chlo-clinozoisite calc-silicate; thinly banded calcareous chlo phyll; all units variably epidotized and silicified; prominent gouge zones as follows: 180-182 (90° to c.a.), 201-205 (75° to c.a.) 217.5-220 (75° to c.a.), 224-232 (70° to c.a.), 236-238 (60° to c.a.); S_2 = 70° to c.a. @ 200'; essentially complete D_2 transposition of D_1 fabric											
244	303		Calc-silicate phyllite; med. dk. greenish blue, thinly banded, weakly and variably calcareous chlo-clinozoisite bearing calc-silicate phyllite w/ ≈ 30% bio. phyll. interbands and minor 1' bands w/ thin marble bands; S_2 = 80° to c.a. @ 250'; toward base of interval unit has numerous thin metatuffite bands; S_2 = 60° to c.a. @ 301'											
303	310		Weakly carbonaceous bio.-musc-andalusite schist; med.-dk. brown gray strongly but med. porphyroblastic, thinly banded, bio. > musc pelitic schist; as 543-549 in 456-75-12 but less carbonaceous											
310	310.5		Porphyritic bio-hb. diorite dike; med. dk. brownish gray, finely porphyritic (mainly plag.) diorite dike @ 90° to c.a. @ 310'											
310.5	375		Bio-musc-andalusite schist; med. brown gray, thinly banded, early porphyroblastic, andalusite-rich, bio > musc pelitic schist equivalent to 549-1333' in 456-75-12; essentially complete D_2											

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS						
			transposition of D. fabric ; S_2 = 80° to c.a. @ 350'											
375	388.5		Thinly interbanded sequence of metabasite, chlo schists and bio-musc-andalusite schists ; med green to reddish brown to lt. gray green, completely interbanded (0.5-2.0") sequence of above lithologies suggesting mafic tuffaceous interbands in schist unit											
388.5	396.5		Bio-musc-andalusite schist ; as 310.5-375 ; typical aluminous upper portion of schist map unit											
396.5	420		Interbanded sequence of bio-musc-andalusite schist, minor metabasites and chlo schists ; as 375-388.5 w/ pelitic schist dominant (≈80%) lithology ; S_2 = 70° to c.a. @ 400'											
420	424		Metabasite ; med gray green, weakly banded, massive metabasite w/ dark yellow green cp-chloamph. bearing margins											
424	429		Bio-musc-andalusite schist ; as 310.5-375, 388.5-396.5											
429	441		Interbanded sequence of thin metabasite and bio schist bands ; c.f. 375-388.5 and 396.5-420 w/out bio-musc-andalusite schist bands											
441	503		Bio-musc-andalusite schist ; med brown gray, thinly banded, only porphyroblastic ; completely D. transposed bio > musc pelitic schists equivalent to 549-1333 in 486-75-12 ; S_2 = 80° to c.a. @ 450' S_2 = 75° to c.a. @ 500' ; gouge zones : 483-483.5 (70° to c.a.), 481.5-482 (70° to c.a.)											
503	510		Partially kaolinitized finely xline granodiorite (?) dike ; finely xline, pink to pinkbrown, massive ; partially kaolinitized dike of approx											

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			granodiorite comp. (cf. like in NW corner of pit in sulfides)											
			numerous X-cutting py stringers often ⊥ to c.a.											
510	512		Musc-bio-andalusite schist; as 441-503 except slightly more											
			musc-rich; not white mica envelope lithology											
512	513		Massive pyrrhotitic pyritic sulfides; massive, finely xline, pinkish											
			bronze po matrix w/ med-crse py porphs; unbanded, no magnetite											
			or barite visible											
513	513.5		Massive pyritic sulfides; typical "buckshot" pyritic facies w/ black											
			ZnS+PbS matrix; unbanded; non-magnetic; non-baritic											
513.5	514.5		Gouge zone in qtz-musc schists w/ PbS+ZnS blebs; gouge ≈ 70° to c.a.											
514.5	515		Massive pyritic sulfides; v.f. xline black PbS+ZnS w/ streaked											
			out, non-porphyroblastic crudely banded pyrite; looks like heavily											
			sheared and recrystallized buckshot ore											
515	516		Sulfides bearing quartzite; anastomosing py + minor PbS/ZnS in lt.											
			gray qtzite; anastomosing sulfides give appearance of sulfide											
			healed brecc											
516	516.5		Massive pyrrhotitic pyritic sulfides; alternating thin po >> py											
			and py >> po bands (0.5-1.0") over interval w/ variable trace											
			PbS+ZnS											
516.5	517		Massive pyritic sulfides; as 513-513.5; banding (S_2) ≈ 70° to c.a.											
			@ 516.75'; typical "buckshot" ore											

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517	517.5		Massive pyrrhotite, pyritic sulfides; as 516-516.5; note symmetry over this zone probably related to F_2 fold hinges											
517.5	518		Massive pyritic sulfides; as 514.5-515; non-magnetic; non-baritic											
518	526		Variably brecciated/altered porphyritic diorite dike; lt. green to brownish pink, finely xline, diorite to granodiorite like cf. 503-510; dike/sill contacts approx 70° to c.a.											
526	528.5		Massive pyritic sulfides; as 514.5-515, 517.5-518; massive, finely xline py. w/ blebs and pods of black PbS+ZnS and minor sulfide bearing pyritic qtzite frags; non-magnetic; non-baritic											
528.5	531		Qtz-musc. schist; beige, thinly banded, weakly pyritic qtz-musc schist of typical white mica envelope lithology											
531	532		Sulfide bearing quartzite; as 515-516; non-magnetic; non-baritic											
532	533.5		Massive pyritic sulfides; "buckshot" pyritic ore in black PbS+ZnS matrix; interval 30-40% py; remainder PbS+ZnS i.e. high grade band; some py occurs as round polyxline (colloform??) aggregates											
533.5	534		Qtz-musc schist; as 528.5-531 w/ finely xline PbS+ZnS blebs											
534	535		Massive Fe-poor sulfides; black, massive, finely xline, non-pyrrhotite, non-pyritic, non-magnetic, non-baritic PbS+ZnS w/ 10-15% included subangular to rounded white bull qtz. fragments sulfides unbanded											

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535	543		Qtz-musc schist; beige, laminarly banded, rubbly, weakly carbonaceous qtz-musc schist of white mica envelope; no foliation edge possible as core rubbly											
543	544		Gouge zone in qtz-musc schist; zone @ 60° to c.a. @ 544'											
544	575		Granodiorite / qtz. monzonite dike; finely xline, weakly porphyritic (plag only) beige, massive granitoid dike; variably kaolinitized, fresh overall; unit similar to dike/sill in NW corner of pit and similar 518-526; toward base of interval dike shows bio. phenocrysts w/ plag.											
575	600		Bio-musc-andalusite schist; med. brown gray, thinly to laminarily banded, weakly porphyroblastic bio > musc pelitic schist; unit roughly equiv to 549-1333 in 456-75-12 only much less andalusite rich; S_2 = 65 to c.a. @ 579; complete D_2 transposition of D_1 fabric w/ no suggestion whatsoever of F_2 (megascopic) hinges above or below or w/in sulfide zone.											
	EOH													