092750

DIAMOND DRILL RECORD

PROPERTY: TINTA HILL, YUKON

HOLE NO.: TH-88-03
SHEET NO: 1

Footage	Dip Test Angle Reading	Corrected
446	50°	50

Hole No.: 88-03
Section: 7+50E/2+00 N
Date Begun: December 10, 1988
Date Finished: December 12, 1988
Date Logged: December 12, 1988

Lat.: 62° 17' Long.: 137°
Dep.: -50°
Bearing: 212°
Elev. Collar: 3935'

Total Depth: 446 feet
Logged by: D. Ferguson
Claim: Tinta 1 & 2
Core Size: NQ

Depth From	Depth To	Recovery	Description	Sample No.	From	To	Width of sample	Analytical Results Au	Ag	Cu	Pb	Zn	As	Sb
0	10		CASING											
10	80		QUARTZ MONZONITE (non-porphyritic) medium grained, grey, hypidiomorphic texture zones of minor bleaching & sericitization few barren qtz-k-spar veins (1 to 2 cm) very few qtz-ser-hem fracs.											
80	95		QUARTZ MONZONITE -grading into k-spar porphyritic phase still few non-porphyritic sections as in previous holes											
95	97.5		SYENITE DYKE - course grained kspars with lesser quartz calc-alkali fspars and chloritized mafics -steep hematite fracs -contacts @ 50°											
97.5	159		QUARTZ MONZONITE - medium grained generally kspar porphyritic, but also non porphyritic zones few altered zones											

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Depth From	Depth To	Recovery	Description	Sample No.	From	To	Width of sample	Analytical Results Au	Ag	Cu	Pb	Zn	As	Sb
165	176		QUARTZ MONZONITE - strong sericitization & bleaching & moderate hematization - few hairline qtz-carb-ser-sphal-gal vnlts											
168	170		network sericite, quartz and hematite vnlts w some sphal-gal mlzn											
173	174		less altered zone											
176	203		QUARTZ MONZONITE - generally weakly altered											
194	195		mod to strong ser. altn & bleaching around 2 cm ser.-hem vnlt @ 30°											
203	221.5		QUARTZ MONZONITE - mod. to strong ser altn and bleaching sericite and hematite cc, veining and fracs are generally 40° to steep - few hairline sulphide vnlts											
216	217		less altered zone											
218	219		less altered zone											
221.5	224.5		QUARTZ MONZONITE - strong bleaching & sericitization (hanging wall) numerous hairline sulphide vnlts	80205	221.5	222.5	1.0							
221.5			clay gouge	80206	222.5	223.5	1.0							
223			pyrite flooding into host from vnlt	80207	223.5	224.5	1.0							
224.5	227	60%	MAIN VEIN - massive fine & cubic pyrites in grey clay gouge groundmass 6 cm of altered, pyritized bleached host rock	80208	224.5	227	2.5							
228	228.5		strongly silicified zone containing 1.5cm dark grey qtz vein and 4 cm qtz-carb-sphal-cpy-gal-py vein @ 30°	80209	227	228.5	2.5							
228.5	233	55%	light grey mod to strongly pyritized clay gouge zone	80210	228.5	231	2.5							
				80211	231	233	2.0							

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Depth From	Depth To	Recovery	Description	Sample No.	From	To	Width of sample	Analytical Results Au	Ag	Cu	Pb	Zn	As	Sb
233	271.5		QUARTZ MONZONITE - strong bleaching and sericite altn - weak to mod hematization "sulphide stringer zone" - hairline qtz-carb-sphal-gal-py stringers every foot & some disseminated sulphide zones	80212	233	235	2.0							
				80213	235	237	2.0							
				80214	237	239	2.0							
				80215	239	241	2.0							
				80216	241	243	2.0							
				80217	243	245	2.0							
				80218	245	247	2.0							
				80219	247	249	2.0							
251.5			1cm qtz-carb-ser-py-gal-cpy-sphal vein @ 25°	80220	249	251	2.0							
252			1cm qtz-carb-ser-py-gal-cpy-sphal vein @ 45°	80221	251	253	2.0							
254.5			2 cm qtz-carb-ser-py-cpy-gal-sphal vn @ 50°	80222	253	255	2.0							
				80223	255	257	2.0							
256	259	80%	70% clay gouge zone	80224	257	259	2.0							
				80225	259	261	2.0							
				80226	261	263	2.0							
264			strong hairline sulphide veining & disseminations	80227	263	265	2.0							
266.5			1cm qtz-carb-py-cpy vein @ 30°	80228	265	267	2.0							
268			0.5 cm qtz-carb-py-cpy @ 45°	80229	267	269	2.0							
269.1			0.5 cm qtz-carb--py-cpy vein @ 40°	80230	269	271	2.0							
269.5	270		two 0.5 qtz-carb-py-cpy veins @ 40°	80231	271	271.5	0.5							
271.5	272.5	90%	MAIN VEIN msv pyrite-chalcopyrite in qtz-carb vein @ 45° to C.A.	80232	271.5	272.5	1.0							
272.5	275.5		QUARTZ MONZONITE - strong sericitization & bleaching - hairline stringer sulphides + weak disseminations	80233	272.5	274	1.5							
				80234	274	275.5	1.5							

Depth From	Depth To	Recovery	Description	Sample No.	From	To	Width of sample	Analytical Results Au	Ag	Cu	Pb	Zn	As	Sb
275.5	277.5		MAIN VEIN split into three district portions											
			HANGING WALL - msv py-cpy in qtz (9") contact @ 20° to C.A.	80235	275.5	276.25	0.75							
			CENTRE - near barren, massive vuggy carbonate (9")	80236	276.5	277	0.75							
			FOOTWALL - massive pyrite; yellow & black sphalerite, chalcopyrite & minor galena in quartz (6")	80237	277	277.5	0.50							
277.5	383		QUARTZ MONZONITE - strong sericitization & bleaching "stringer zone" - widely spaced (>2 ft) hairline sulphide stringers - hematization in veinlets & locally w silica flooding											
277.5	279		two - 1cm qtz-carb-py-cpy veins @ 45° + disseminations of py-sphal-gal	80238	277.5	279	1.5							
				80239	279	281	2.0							
				80240	281	283	2.0							
				80241	283	285	2.0							
286			4cm silica flooded zone @ 35°	80242	285	287	2.0							
				80243	287	289	2.0							
290	292		silica flooding	80244	289	291	2.0							
				80245	291	293	2.0							
293	295		silica flooding	80246	293	295	2.0							
295.2			1 cm qtz-ser-py-gal-sphal vein @ 45°	80247	295	297	2.0							
				80248	297	299	2.0							
300	301		strong silica flooding @ 20° carries sulphide vnlt	80249	299	301	2.0							
303			10 cm silica flooding											
322	323		zone of stringer & disseminated py-hem-sphal-gal											
327.5			mafic xenolith											
340			0.5 cm qtz-carb-ser-py-gal vein @ 25° + disseminations	80250	339	341	2.0							
				80251	341	343	2.0							
342			0.5 cm qtz-carb-py-gal-sphal vein @ 25°	80252	343	345	2.0							
347	348		numerous hairline sulphide veinlets	80253	345	347	2.0							
				80254	347	349	2.0							
				80255	349	351	2.0							

Depth From	Depth To	Recovery	Description	Sample No.	From	To	Width of sample	Analytical Results Au	Ag	Cu	Pb	Zn	As	Sb
384.1			1.5 cm qtz-carb ser vein @ 50°	84052	384	385.5	1.5							
385	385.5		strong sulphide vnlts & disseminations	84053	385.5	387	1.5							
387	392		very weak disseminated sulphides											
392	506		QUARTZ MONZONITE - relatively unaltered											
392	397		non porphyritic											
397	407		kspar porphyritic											
403	403.5		DIORITE DYKE - f.g. dark green @ 45° jagged upper contact/sharp lower contact											
404.2			DIORITE DYKE (4") @ 45°											
407	420		non-porphyritic											
420	422		kspar porphyritic											
421	422		k-spar flooded zone											
422	429		non-porphyritic											
426	429		1 cm hematite cc-chlor-epidote bx vn @ 0°											
429	438		k-spar porphyritic											
430	431		hem-chlor-epidote vn @ 0° brecciates host											
438	459		non-porphyritic											
459	469		k-spar porphyritic											
469	479		non-porphyritic											
479	485		k-spar porphyritic											
485	487.3		non-porphyritic											
487.3	493		k-spar porphyritic											
488	490		strong sericitization and bleaching - weak diss hematite 2" kspar flooded zones at bottom and top of altered section											
493	496		non-porphyritic, except for last 5 cm											
496	497		DIORITE DYKE @ 60° (top) and 45° (bottom) fine to med. grained, dark green - monzonite flooding in bands											
497	499		k-spar porphyritic											
499	502		non-porphyritic											
502	503.5		k-spar porphyritic - numerous hem-ser vnlts											

Depth From	Depth To	Recovery	Description	Sample No.	From	To	Width of sample	Analytical Results Au	Ag	Cu	Pb	Zn	As	Sb
503.5	504		DIORITE DYKE @ 60°											
504	505		k-spar porphyritic											
505	506		non-porphyritic - epidote vnlts											
506	514		QUARTZ MONZONITE - strong bleaching and sericitization	84054	506	507	1.0							
				84055	507	508	1.0							
			weak diss. & vnlt sulphides (py & hem)											
508	508.3		3.5" qtz-car-ser-py-cpy-sphal-gal vein @ 60° (banded)	84056	508	508.3	0.3							
				84057	508.3	509	0.7							
				84058	509	510.5	1.5							
511.5			strong qtz veining @ 30°	84059	510.5	512	1.5							
513			end of strong ser altn (still strong bleaching)	84060	512	514	2.0							
514	607		QUARTZ MONZONITE relatively unaltered											
514	519		non-porphyritic											
519	525		k-spar porphyritic											
522	524		hem-chlor vnlts with mod. hematization of host											
525	535.5		non-porphyritic											
535.5	536.5		k-spar porphyritic											
536.5	539		non-porphyritic											
539	540.5		k-spar porphyritic											
540.5	544		non-porphyritic											
544	548		k-spar porphyritic											
548	559		non-porphyritic (few narrow porph. zones)											
559	560		k-spar porphyritic											
560	562		non-porphyritic											
562	564		k-spar qtz flooded zone											
564.5			1 cm qtz-cc vnlt @ 10°											
564	607		non-porphyritic											
594	597.5		mod to strong bleaching & mod sericitization diss & vnlt hematite											
596			0.5 cm ser-qtz-carb vein @ 40°											
605			1 cm qtz-carb-ser vein @ 30° (minor sulphides)	84061	605	607	2.0							

Depth From	Depth To	Recovery	Description	Sample No.	From	To	Width of sample	Analytical Results Au	Ag	Cu	Pb	Zn	As	Sb
607	659		ALTERED QTZ. MONZONITE weak to mod diss & vnlt sulphides med to strong sericitization and bleaching											
607	607.7		diss sulphides, vnlt py, vnlt hematite	84062	607	607.7	0.7							
607.7	608.3		4" QTZ.-CARB-SPHAL-PY-GAL VEIN @ 40°	84063	607.7	608.3	0.6							
608.3	609.3		strong ser.-flooded footwall with strong sulphide vnlts (40°) & disseminations two 1 cm qtz-carb veins @ 40°	84064	608.3	609.3	1.0							
609.3	611		1 cm chlor-ser-epidote vn @ 0°	84065	609.3	611	1.7							
612.5	614.5		host rock is bx'd by ser, chlor, hem & qtz-carb veining	84066	611	613	2.0							
				84067	613	615	2.0							
				84068	615	617	2.0							
				84069	617	619	2.0							
				84070	619	621	2.0							
621			1 to 2 cm ser. flooded zone @ 40°	84071	621	622.5	1.5							
622.5	622.8		4" hanging wall, diss-vnlt sulphide zone	84072	622.5	622.8	0.3							
622.8	624		12" QTZ-CARB-SER-MSV PY-SPHAL-GAL-CPY vein @ 45° (banded)	84073	622.8	624	1.2							
624	625		strong network sulphide vnlts & diss "footwall"	84074	624	625	1.0							
625	626		2 cm QTZ-CARB-PY-SPHAL-GAL-CPY vein @ 0°	84075	625	626	1.0							
626	627		1.5 cm QTZ-CARB-SPHAL-GAL-PY-CPY vein @ 45° in strong stringer sulphide zone	84076	626	627	1.0							
627	628		mod network & diss sulphides	84077	627	628	1.0							
628	629		bleaching cut by ser-chlor vnlts	84078	628	629								
629	630		two - 1 cm qtz-carb-sulphide veins @ 40°	84079	629	630	1.0							
630	632		bleaching cut by ser-chlor vnlts	84080	630	632	2.0							
632	634		2 ft of QTZ-CARB-SER-MSV PY-SPHAL-GAL-CPY veining @ 10° to 40° 30% altered host /70% vein material	84081	632	633	1.0							
				84082	633	634	1.0							
634	635.5		broken clay altered zone stringer & diss py 1 cm qtz-carb-py-sphal-cpy-gal vn @ 40°	84083	634	635.5	1.5							
635.5	636.5		3 cm (1.25") qtz-carb-py-sphal-cpy-gal vn @ 65° 1 cm qtz-ser-sphal-py vein @ 45°	84084	635.5	636.5	1.0							

Depth From	Depth To	Recovery	Description	Sample No.	From	To	Width of sample	Analytical Results Au	Ag	Cu	Pb	Zn	As	Sb
636.5	644.5		bleached with mottled texture of ser-chlor veining	84085	636.5	639	2.5							
			weak stringer & diss sulphides	84086	639	641	2.0							
				84087	641	643	2.0							
				84088	643	644.5	1.5							
644.5	645		strong sericitization & network & diss sulphides	84089	644.5	645	0.5							
645	648.5		QTZ-CARB-MSV-PY-SPHAL-GAL-CPY veining @ 30°											
645	646		dark grey, vuggy vein bx. zone	84090	645	646	1.0							
646	647.5		main msv sulphide vein bounded on either side by 1 cm sericite band	84091	646	647.5	1.5							
647.5	648.5		clay gouge zone containing qtz & dark sulphide bands	84092	647.5	648.5	1.0							
648.5	649.5		Footwall stringer sulphides	84093	648.5	649.5	1.0							
649.5	651.5		bleached zone											
650			sphal-gal-py vnlt @ 30°	84094	649.5	651	1.5							
651.5	660		moderate bleaching & hematization	84095	651	653	2.0							
			few sulphide stringers	84096	653	655	2.0							
				84097	655	656.75	1.75							
656.75	657.5		bleached sericitized zone with 7 cm (3") qtz-ser-clay-sulphide vein @ 55° plus sulphide vnlt	84098	656.75	657.5	0.75							
				84099	657.5	659	1.5							
659	675		QUARTZ MONZONITE k-spar porphyritic weak to moderate qtz-carb-hem-ser-veins & vnlts											
675	676		QUARTZ MONZONITE non-porphyritic - hematite vnlts											
EOH														