

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
DIAMOND DRILL LOG

*W. D. G. E. H.*  
*Feb/83*

Project <u>WJV (IGOR)</u>	Grid Coordinates <u>37+66</u> N <u>0+46</u> E	Azimuth <u>270°</u>
Hole No. <u>82I030</u>	Elevation <u>1198 m</u>	Total Depth <u>90.2 m (296')</u>
Date Started <u>4 July, 1982</u>	Date Completed <u>6 July, 1982</u>	Logged by <u>D. Heberlein</u>

Sample No.	% Cu	ppm U	ppm Co	CPS	Core Recovery	Depth (feet)	Geology
						10	Overburden
						20	
				60	64%	30	Homoclast Breccia - with argillite and rare fragments. Interval highly fractured with abundant limonite coatings and boxworks after pyrite imparting an orange colour. Foliation dips at -60°. Alteration dominantly carbonate with chlorite in fractures and in matrix. Brown barite occurs in veins. Sulphides disseminated. Magnetite disseminated. Py ½%, Cp tr, CB 10%, Mg 1%, Cl 1%
						40	
					83%	50	
M01531	45.0 47.0	0.31	1.8	88			Homoclast Breccia - as above, except magnetite and pyrite increasingly abundant. Fragments almost totally replaced by carbonate, only ghost outlines remain. Foliation dips at -35°. Magnetite occurs as disseminated, euhedral crystals. Pyrite is also disseminated. Py 10%, Cp tr, Mg 20%, CB 10%, Ba <1%, Cl ½%
M02108	50.0	0.27	0.3	156			
					100%	60	

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Sample No.	% Cu	ppm U	ppm Co	CPS	Core Recovery	Depth (feet)	Geology
					100%	0	Homoclast Breccia - as previously described.
						70	
77.5							
M01532	0.07	2.4	86	46		80	Clast-Deficient Breccia - intense carbonate alteration (tan) with euhedral crystals up to 15 mm in diameter throughout matrix. Magnetite has been pervasively altered to hematite. Hematite (specularite) also occurs as patches in the coarse-grained, pink barite veins. Py tr, Cp tr, CB 20%, Cl tr, He 40%
85.0							
M01533	0.02	2.5	48	47		90	
91.0							
M01534	< 0.01	1.0	52	46	92%	100	
100.0							
M01535	0.02	0.7	47	44		110	
115.0							
				50		120	gradational contact
							Homoclast Breccia- chlorite alteration gives rocks a greenish grey coloration. Carbonate is pervasive and occurs in microveins. Pr tr, CB 10%, Cl 3%, He ½%
					100%	130	
				40			

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Sample No.	% Cu	ppm U	ppm Co	CPS	Core Recovery	Depth (feet)	Geology
						140	Homoclast Breccia - as previously described.
					100%		
				40			
						150	
						160	
						170	
					100%		
				50			
						180	Homoclast Breccia - as described on following page.
						190	
						200	
					97%		
						210	

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Sample No.	% Cu	ppm U	ppm Co	CPS	Core Recovery	Depth (feet)	Geology
						0	Homoclast Breccia - with occasional subangular quartzite fragments. Chlorite occurs interstitially in matrix and in microveinlets. Carbonate is pervasive in matrix and in microveins. Pyrite is disseminated as large euhedral crystals, up to 4 mm in diameter. Foliation dips at -50°. Py 5%, Cp tr, CB 15%, Cl 1%
						220	
					97%	230	
						240	
				50		250	
					100%	260	
						270	
						280	
274.0							
M01536	<0.01	2.5	156	44	100%		

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Sample No.	% Cu	ppm U	ppm Co	CPS	Core Recovery	Depth (feet)	Geology
287.0							
				50	88 %	290	Homoclast Breccia - as previously described.
						300	End of hole.