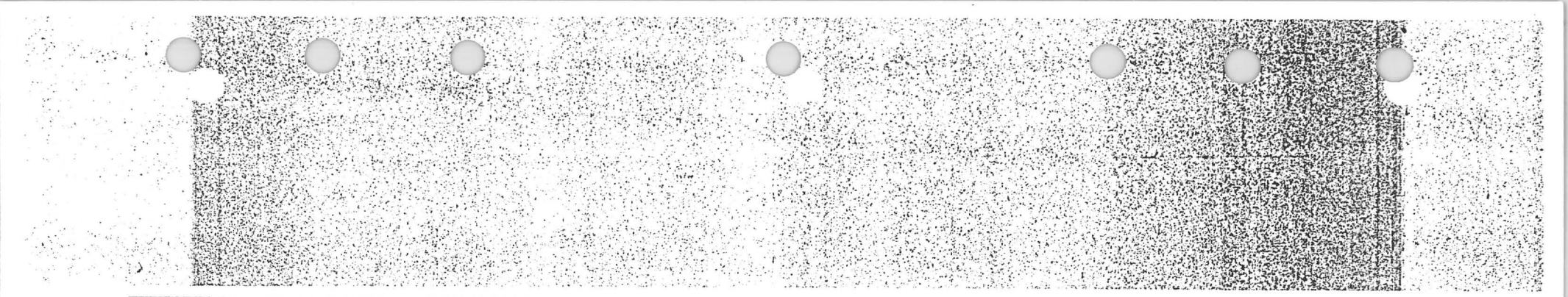

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wrms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wrms, mass)	MINERALIZATION: GALENA–SPHALERITE (style, wrms, mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2005																							LIMESTONE: as above					
2010	100	COLIMA L.S.		60	60																							
2015	100																											
2020					15																							
2025	100			0	25																							
2030																												
2035	100																											
2040																												

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DRILL HOLE: T-2

page: 59

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2040	100	COLINA LS.			75																		LIMESTONE: as above					
2045																												
2050	100				50																							
2055																												
2060	100																											
2065																												
2070	100				15																							
2075	100																											

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2075																							LIMESTONE: as above	page: 60				
2080	100	COLINA LS.			20																							
2085																												
2090	100				40																		2093-2100': fusilinid-rich zone					
2095																												
2100	100																											
2105	100																											
2110																												

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2110	100	COLINA LS.			15																		LIMESTONE: as above	page: 61				
2115					50																							
2120	100				80																							
2125					60																							
2130	100				45																							
2135					30																		skarn: chl, ep, trem, py					
2140	100				15																		pyrite vein or gr					
2145	100				0																							

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
2145					5																	
					75																	
					5																	
2150	100	COLIMA LS.			60																	
					65																	
2155																						
					35																	
2160	100																					
					40																	
2165																						
					75																	
	100																					
2170					35																	
					10																	
2175	100																					
					20																	
2180					15																	

DESCRIPTION

LIMESTONE: as above

gl, sl, py: 1.5° vein w/ perph. minor skarn

gl, sl, py: 1" " " " " "

gl, sl .5° " " " " "

gl, sl, py 2" vein w/ euhed qtz w/ periph. skarning

ASSAY DATA page: 62

Au	Ag	Cu	Pb	Zn
		%	%	%
0.01	21.09	0.16	2.52	1.33
0.01	ND	12	36	17
ND	0.86	29	38	37
0.02	2.14	67	600	360

DRILL HOLE : T-2

page: 63

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
2180	100	COLLINA LS.			70																	
2185	100				5																	
					55																	
2190					10																	
2195	100				10																	
					60																	
2200																						
2205	100				35																	
2210																						
2215	100				60																	

DESCRIPTION

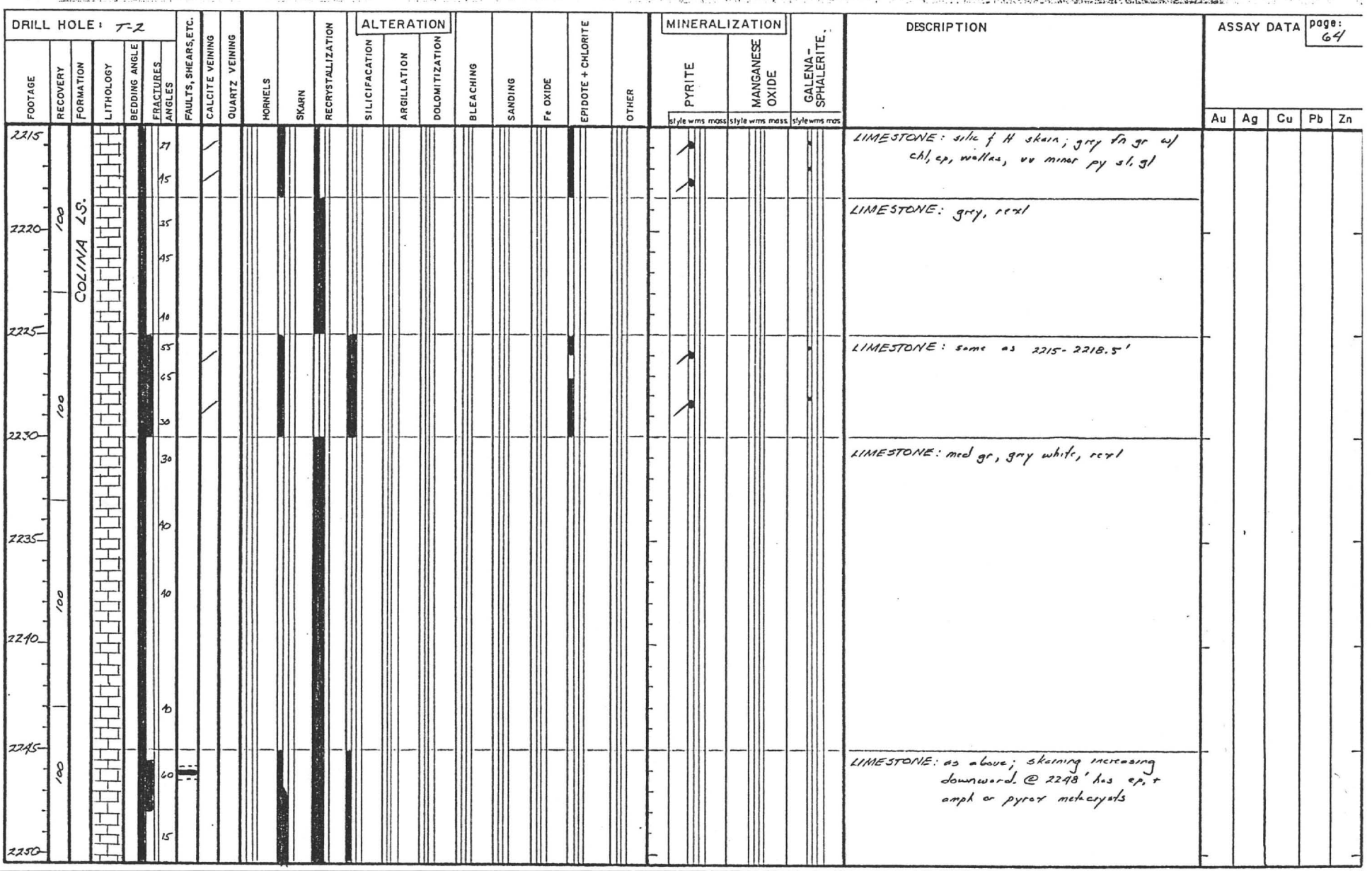
LIMESTONE : as above

.1" gl, sl, py veinlet

ASSAY DATA

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-2



DESCRIPTION

LIMESTONE: silic & H skarn; grey fn gr w/ chl, ep, wollas, vv minor py sl. gl

LIMESTONE: grey, recrl

LIMESTONE: same as 2215 - 2218.5'

LIMESTONE: med gr, grey white, recrl

LIMESTONE: as above; skarning increasing downward. @ 2248' has ep, + ampb or pyrox metacrysts

ASSAY DATA page: 64

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA (page: 65) Au	Ag	Cu	Pb	Zn
	100	COLINA LS.				30		/													x			LIMESTONE. (CONT) As Above, Skarn is intermittant, Rextlzd.					
						55															x								
2255						45															/		//						
						40															x								
2260	100					60															x								
						45																							
2265						70															x								
						10															x		//						
2270	100							/																					
				55		10																		≃3% sulfides (total)					
2275								/																					
						45		/																					
2280	100							/															/						
						60		/																1.5% pyrite > sphalerite > galena.					
						25		/																					
2285								/																					

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
						20		/																LIMESTONE: (CONT.) As Above, except becoming grey in color.					
						10																							
				55				/																					
2290	100	COLINA LS.				50		/						/															
						50																							
2295						40		/																					
								/						/															
2300	100					30																							
						40																							
2305						35		/																					
2310	100					25															/		/	(≃.1")					
2315						25		/						/															
2320								/						/															

page: 66

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2325	100	COLINA LS.		35	20		X																LIMESTONE: (CONT.) As Above.					
					55		/																					
2330	100				20		/																					
					55		/																					
2335					20		/																					
					35		/																					
2340	100				50		/																					
							/																					
2345							/																					
							/																					
2350							/																					
							/																					
2355							/																					

page: 67

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wms, mass)	MINERALIZATION: GALENA-SPHALERITE (style, wms, mas)
2360	100	COLINA LS.			25		/															
2365					50		/															
					50		/															
2370	100				40		/															
					55		/															
2375					55		/															
2380	100				45		/															
					0		//															
2385					55		/															
				55	35		/															
2390																						

DESCRIPTION

LIMESTONE: (CONT.) As Above.

~3% galena-sphalerite

Mini-manto ~ 1.5" Thick; Pyrite, sphalerite, galena, alabandite (?)

(60° ~ core axis).

1" wide calcite vein w/ scalenohedral xtls.

ASSAY DATA page: 68

Au	Ag	Cu	Pb	Zn
		PPM	PPM	PPM
0.01	4.29	47	100	78
0.03	64.42	2.14%	10.9%	5.9%
0.01	2.69	18	77	29

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2395	100	COLINA LS.			55 75		/ / /																LIMESTONE: (CONT.) As Above.					
2400	100				55 65 65 65 5 65		/ X X X X X															/	≃.25% pyrite >> sphalerite > galena					
2405					30		/																					
2410	100				50		/																					
2415					25		/																					
2420	100				15 30		/ X /																≃.25% pyrite >> sphalerite > galena					
					5		/																					

ASSAY DATA page: 69

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
2430	← NOT Recorded →	COLINA LS.			10 35 25 50		/ X X Y /						/									
2435					35		/															
2440					45		/															
2445							/															
2450					5 35 5		/						/									/
2455					45		Y X						//									
2460							X															

LIMESTONE: (CONT.) As Above, except an occasional shaly interbed.

ASSAY DATA page: 70

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2465	100	COLINA LS.			30		/																LIMESTONE: (CONT.) AS ABOVE.	page: 71				
					50		/																					
					50		/						•									•						
2470	100				20		/																					
2475					40		/															•						
2480	100				65		/																					
2485																												
2490	100				15		/																					
2495																												

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
2500	100	COLINA LS.			55		/						/									
2505					50		/						/									
2510	100						/															
2515					55								/									
2520	100				60																	
2525					55		/						/									

DESCRIPTION

LIMESTONE: (CONT.) As Above, except occasional stylolites (50~55° to core).

SILICIFIED & skarned, wollastonite.

ASSAY DATA page: 72

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-2

page: 73

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION
2535		EARP / COLINA		55	35		/																LIMESTONE: (CONT.) As Above.
					35		/																
2540					25		X																galena >> yellow sphalerite ; pyrite
					45		/																
2545				50	10																		BASE OF COLINA LIMESTONE (?)
					25		/																LIMESTONE: Fine grained, weakly recrtlzd, 35% pyrite dk-rich zones of dissem. pyrite (<1%) assoc. w/ stylolites.
2550					55																		
					55		/															X	SHALE: Thin bedded, calcareous, Altered by Skarning ; Hornfels. mineralized (by as much as 60%), pyrite assoc. w/ bedding.
2555					50																		
					55																	X	
				50	35		/																
					45																		
					20																		
2560					50																		
					35		/																
					20		/																
					45		/																
2565																							

ASSAY DATA

Au	Ag	Cu	Pb	Zn
		%	%	%
0.02	12.75	0.01	1.53	0.22
ND	5.51	16 ppm	340 ppm	81 ppm
0.01	10.77	% .01	% .22	% .01
0.03	3.91	4	95	46
		ppm	ppm	ppm
0.02	ND	67	260	520
ND	1.03	% .01	% .16	% .18
ND	ND	68	96	122

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wrms mass)	MINERALIZATION: MANGANESE OXIDE (style wrms mass)	MINERALIZATION: GALENA-SPHALERITE (style wrms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2570	100	EARP FM		55	25 10 20 10 70 25 10 5 35 45																		SHALE: (CONT.) As Above. DOLOSTONE: Silicified, incipient calc-silicate growth on bedding planes. LIMESTONE: med. grained; Recrtlzd; w/sparse Crinoidal columnals; med → dk grey in color, minor pyrite; minor shale interbeds assoc. w/Pyrite.					
2575																												
2580	100																						SHALE: thinly laminated; partially Hornfelsed, local healed breccia zones.					
2585																												
2590	100																											
2595																							Pyrite rich zone.					
2600																							See next page.					

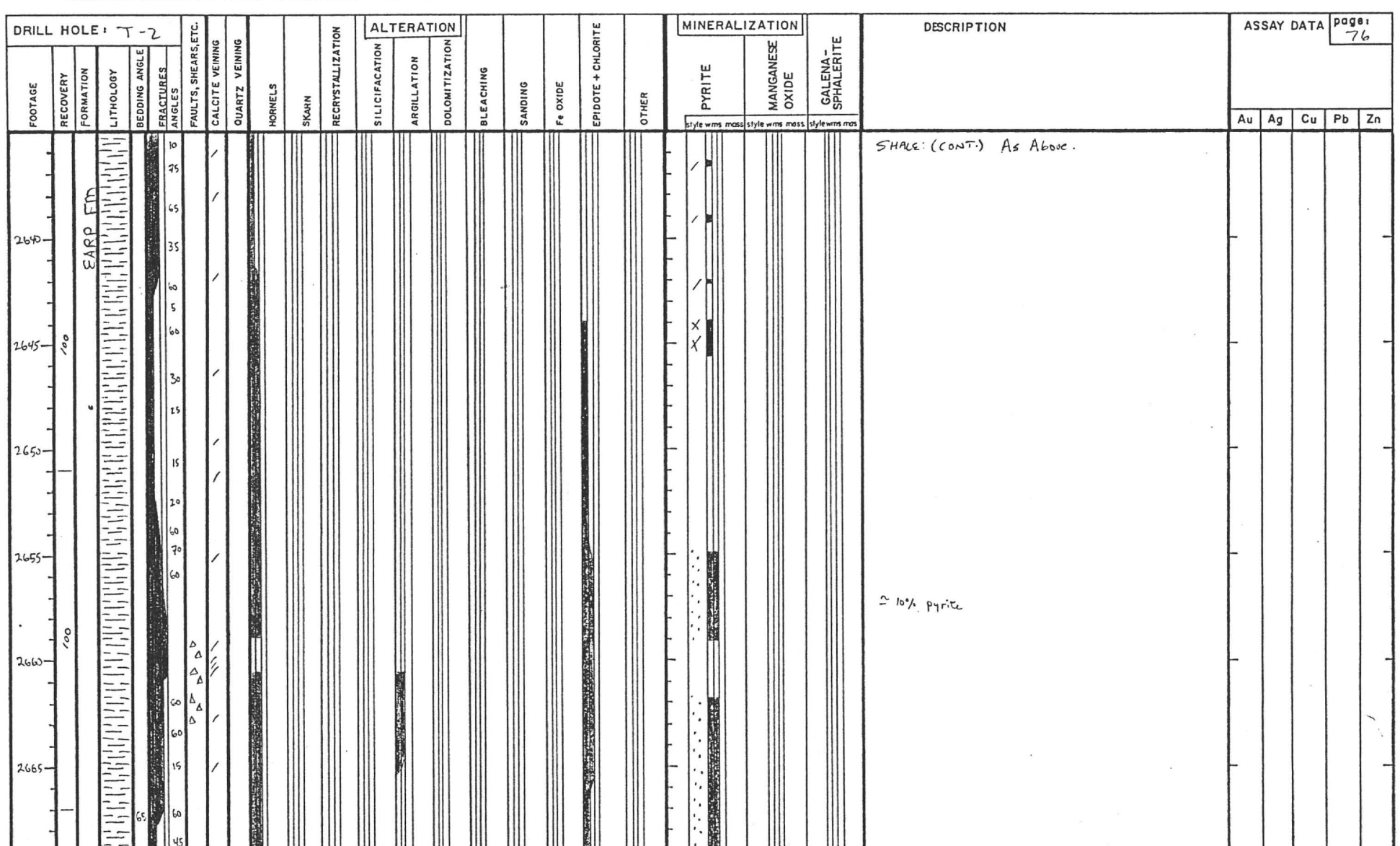
page: 74

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA–SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2605	100	EARP FM		65	5		/																LIMESTONE (CONT.) As Above.					
					25		/																					
					0		/																SHALE INTERBED: w/ minor chlorite					
					65		/															/	SHALE: As Above, except completely silicified/ Hornfelsed, Calcareous in part.					
					60		/																SHALE: Abund. calc-silicates assoc. w/ bedding planes.					
					30																							
2610					35		/																LIMESTONE: massive; Recrtlzd; fossiliferous (crinoidal).					
					45																	/						
	100				35		/																					
					45																							
2615					5		/																SHALE: thinly-laminated, calcareous in part; locally abund. pyrite.					
					35		/																					
					15																							
2620					20		/																LIMESTONE: Argillized & pyritized, Recrtlzd, Pyrite ≈ 3% → 20% (dissem.).					
							/																					
					25		/															/	SHALE.					
2625					35		/																					
					50																			0.01	ND	11	310	11
					60																	/		0.02	3.12	32	60	82
	100				45		/																					
					60																							
2630					75		/															/						
					75																							
					60		/																					

ASSAY DATA page: 75

DRILL HOLE: T-2



DESCRIPTION

SHALE: (CONT.) As Above.

≃ 10% pyrite

ASSAY DATA page: 76

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA (page: 77) Au	Ag	Cu	Pb	Zn
	100	EARD FM						/																SHALE: (CONT.) As Above. (CORE 2670' → 2675' damaged ~ mislatch).					
2675				65		10		/																					
						35		/																					
						45																							
						65	Δ	X																					
	100					10	Δ	/																					
2680						65	Δ	X																					
						65		/																					
						10		/																					
2685						65		/																					
						10																							
2690						10		/																					
	100					5																		LIMESTONE: massive, coarsly rextlzd; Skarned, pyrite (3.5% - 5%)					
2695						15																							
						15																							
						30																							
						35																							
2700						55																							
						40																							
						25		/																					
						55		/																					

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA (page: 78) Au	Ag	Cu	Pb	Zn
						40		/																LIMESTONE: (CONT.) As Above,					
						25		/																					
2710	100	EARP FM																											
						45		/																					
2715						55																							
																							X	DOLOSTONE: massive, Rextlzd, Skarned in part, Abund. calc-silicates, minor pyrite					
						5		X /																					
2720						55																	X						
	100					15																							
						45																	X						
						35																							
2725						55																							
						10																							
						30		X																LIMESTONE: As Above, except reduced rextlzn, Lacking in mineralization					
						10																							
2730						30		X																					
								\																					
2735						25		/																					
								\																					
						15																							

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA–SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2745	100	EARP FM		0	45 75		/ / X																LIMESTONE: (CONT.) As Above.					
2750					35		/ /																					
2755	100				15 25		/ /													...			LIMESTONE: Shaly interbeds, odd patchy texture, skarned.					
2760					45		/																LIMESTONE; med. grained; recrtlzd.					
2765	100				5 50 25 40		/																LIMESTONE. shaly interbeds, skarned.					
2770					25 40 15		/ /																LIMESTONE: As Above, except occasional shaly interbeds.					
					50																							

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DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mass)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2780	100	EARP FM.		15	55 35 15 15 70 70 65 15																		LIMESTONE: As Above. SHALE: Partially hornfelsed shale, calcareous near above Ls. contact, mottled					
2790					55 35																		LIMESTONE: Massive; recrtlzd, med. grained. LINKED SHEAR TEXTURES.					
2795	100				15 15 55 15		X																SHALE: As Above.					
2800					60 60		X																					
2805					60 65		X																					

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DRILL HOLE: T-2

ASSAY DATA page: 81

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING
2815	100	EARP FM			20, 15, 50, 15		/ /	
2820					20, 40, 50, 45		/	
2825	100				50, 45, 50, 55		/ //	
2830					60			
2835					50		/	
2840					35, 40		///	

HORNFELS | SKARN | RECRYSTALLIZATION | ALTERATION: SILICIFACATION | ARGILLATION | DOLOMITIZATION | BLEACHING | SANDING | Fe OXIDE | EPIDOTE + CHLORITE | OTHER

MINERALIZATION: PYRITE (style wms mass) | MANGANESE OXIDE (style wms mass) | GALENA-SPHALERITE (style wms mass)

DESCRIPTION

SHALE: (CONT.) As Above.

ASSAY DATA: Au | Ag | Cu | Pb | Zn

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA–SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2850	100	EARP FM			30		/																SHALE: As Above.					
					65		/																					
					50		/																					
					60																							
2855					60	X																	SHALY LIMESTONE: Silicated, hard, no sulfides.					
					60	/																	SHALE: As Above, lacking in mineralization					
2860	100				15	/																						
					55	/																						
2865					15	/																						
					5	/																						
2870	100				20	/																						
					20	/																						
2875					15	/																						

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DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE style wms mass	MINERALIZATION: MANGANESE OXIDE style wms mass	MINERALIZATION: GALENA-SPHALERITE style wms mas	DESCRIPTION
2885	100	EARP FM		85	10 65 65 20 55 35 65 20 15 35 55		/ / / / / /																SHALE: as Above.
																							LIMESTONE: Skarned, hard.
																							≈5" thick sulfide + calcite veinlet [ASSAY]
																							SHALE: Silicated, mostly fault gouge.
																							LIMESTONE: silty to v. silty in part.
																							≈4% pyrite
2890	100																						SHALE, Silicated
																							LIMESTONE: V. silty, laminated, Skarned (?)
																							Pyrite > Sphalerite > galena. (ASSAY)
2895					30 5 30 15 65		/ /																SHALE: Silicated, hornfelsed, minor chloritization
2900	100			65	50 70 70 20 50 20		/ / /																
2905																							
2910					60 60 60																		LIMESTONE: massive, med grained, recrtlzd.
																							Basal 4" thoroughly
																							SHALE: Silicated, hornfelsed (increasing down section), Abund. pyrite on 60° fractures.
																							≈15% pyrite

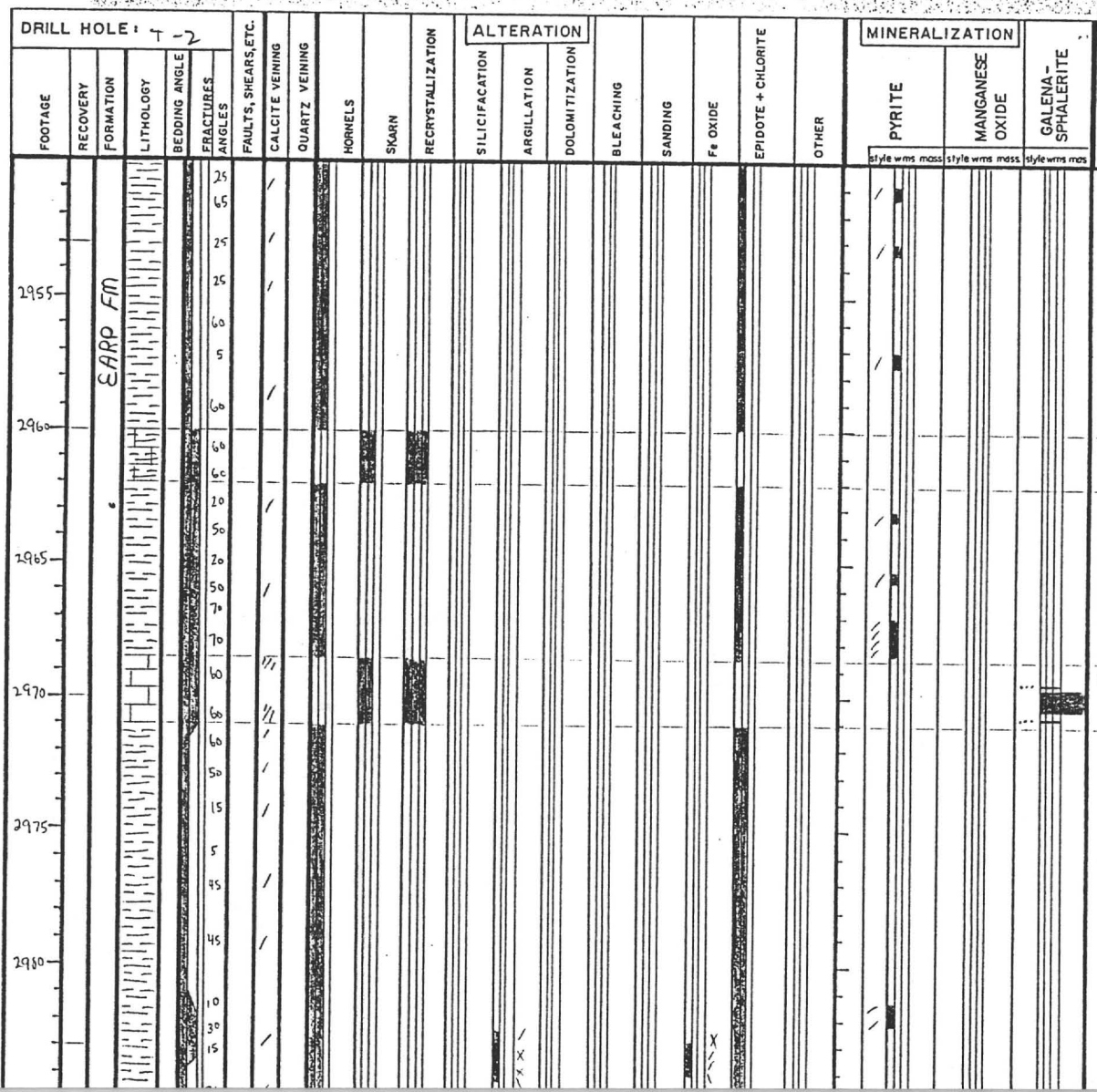
ASSAY DATA page: 83

Au	Ag	Cu	Pb	Zn
		%	%	%
ND	94.01	0.04	2.64	4.92
		ppm	ppm	ppm
0.17	41.90	440	340	440
1.09	13.42 oz/t	0.33%	5.1%	5.44%
0.04	3.46	64	60	51

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
						65		X	/															LIMESTONE. Skarned, decreasing down section; green garnet; strongly shattered & fractured, healed w/calcite & Qtz.					
						15		X	/																				
						85		X	/																				
2920	100	EARP FM				60		/																SHALE: Partially silicated, hornfelsed, bleached selvages.					
						60		/													/			pyrite vein ≈ 1" wide.					
						60																							
						60		/																					
2925						60																		LIMESTONE: SHALE interbeds, skarned, Ls is strongly rextlzd.					
						60																							
						60																							
						60																							
						30																		Possible Tremolite (?)					
2930	100					60													/					SHALE: As Above, except becoming chloritized.					
						15													/										
						60													/										
						60													/										
						60													/										
2935						15																	/	LIMESTONE: As Above.					
						60																	/	Sphalerite veinlets					
						30																	/						
2940						30																							
						60																		SHALE: As Above.					
						15																							
						30																							
						30																		LIMESTONE: As Above.					
						50																							
2945						50										/							/	SHALE: As Above.					
						60										/							/	pyrite veinlets					
						60																							
						15																		LIMESTONE: As Above.					
						75																							
						15																							

DRILL HOLE: T-2



DESCRIPTION

SHALE: (CONT.) As Above.

LIMESTONE: As Above, w/ Vessuvianite (?), Shale interbeds.

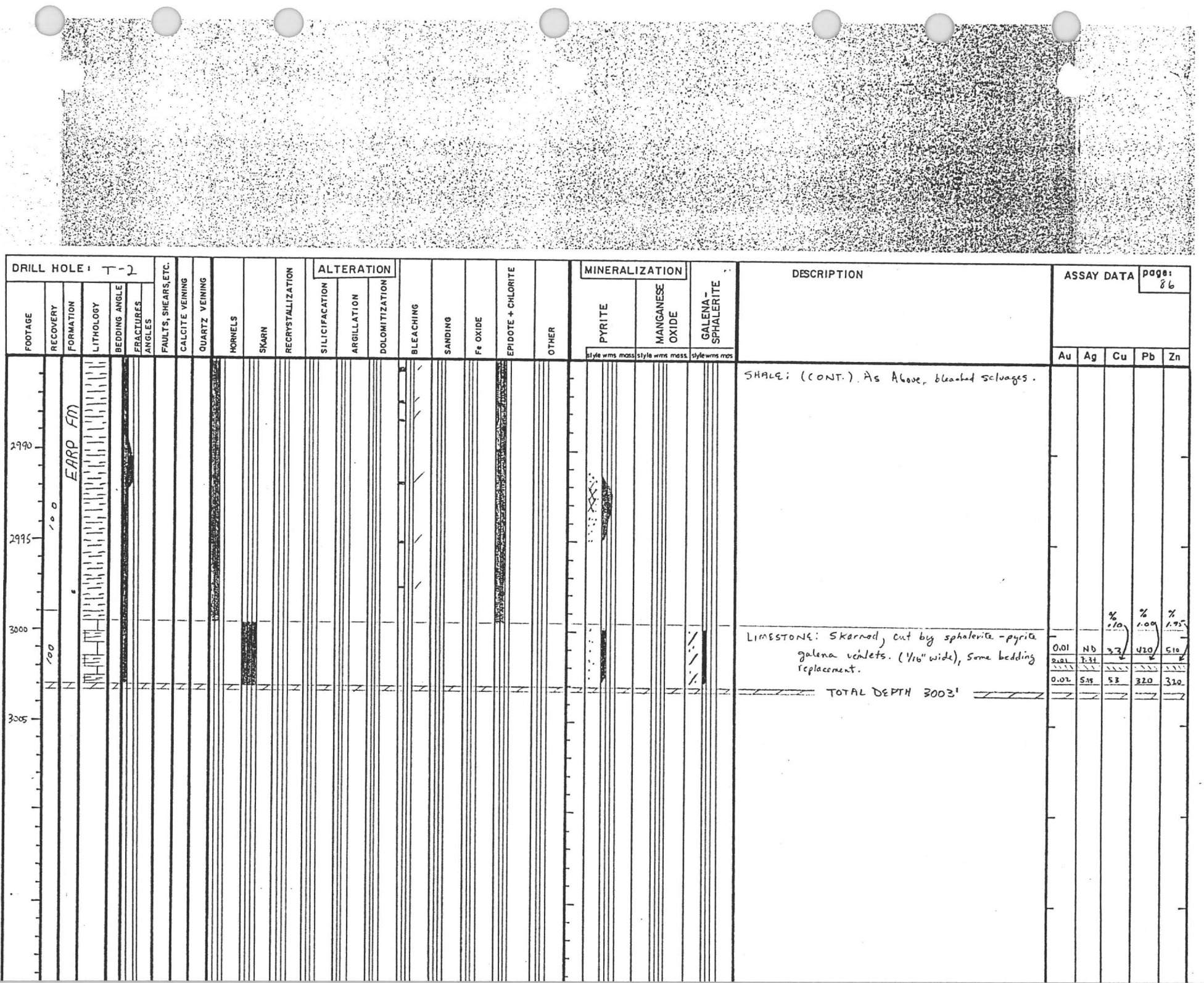
SHALE: As Above.

LIMESTONE: As Above, except v. Strongly mineralized zone ± 8" wide of Sphalerite > pyrite, > galena [ASSAY]

SHALE: As Above, Abund. chlorite.

ASSAY DATA page: 85

Au	Ag	Cu	Pb	Zn
0.02	0.65	20	200	300
0.03	02 1.15	% .16	% 1.79	% .09
0.02	ND	11	200	78


DRILL HOLE: T-2
FOOTAGE
RECOVERY
FORMATION
LITHOLOGY
BEDDING ANGLE
FRACTURES
ANGLES
FAULTS, SHEARS, ETC.
CALCITE VEINING
QUARTZ VEINING
HORNELS
SKARN
RECRYSTALLIZATION
ALTERATION
SILICIFACATION
ARGILLATION
DOLOMITIZATION
BLEACHING
SANDING
Fe OXIDE
EPIDOTE + CHLORITE
OTHER
MINERALIZATION
PYRITE
style wms mass
MANGANESE OXIDE
style wms mass
GALENA-SPHALERITE
style wms mas
DESCRIPTION
ASSAY DATA
page: 86
Au
Ag
Cu
Pb
Zn
EARP FM
100
100
2990
2995
3000
3005
SHALE: (CONT.) As Above, bleached selvages.
LIMESTONE: Skarned, cut by sphalerite-pyrite galena veinlets. (1/16" wide), Some bedding replacement.
TOTAL DEPTH 3003'
% .10
% 1.09
% 1.95
0.01
ND
33
420
510
0.02
5.14
53
320
320

SANTA FE MINING
D.D.H. T-3

29255	T-2	2968.3	2969.0	4	41	286	368	0.85	11	1	367	1.07	3	5	0.02	7	42	2	2	2	9	7.25	0.044	11	25	0.08	1	0.05	15	0.91	0.01
29256	T-2	2969.0	2970.3	1	1585	15678	931	39.58	7	4	3872	1.61	12	5	0.03	1	74	7	4	58	5	28.75	0.013	4	8	0.15	3	0.01	10	0.25	0.01

SAMPLE	DRILL HOLE	ELEMENT FROM	TO	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %
29257	T-2	2970.3	2971.0	4	13	178	85	ND	1	1	6529	0.43	5	5	0.02	1	39	1	2	2	4	25.54	0.007	7	6	0.04	5	0.01	10	0.16	0.01
29258	T-2	2999.5	3001.0	5	38	427	693	ND	6	2	933	0.97	6	5	0.01	6	65	5	2	2	11	12.52	0.032	12	19	0.08	5	0.06	5	0.99	0.02
29259	T-2	3001.0	3001.3	18	929	8504	16197	7.34	14	16	1511	1.23	7	5	0.01	4	53	84	3	2	11	12.29	0.031	7	19	0.49	1	0.06	5	0.73	0.01
29260	T-2	3001.5	3002.5	4	63	352	388	5.16	7	1	595	1.03	3	5	0.02	3	116	2	2	2	18	15.68	0.026	18	21	0.87	7	0.06	11	2.84	0.05
29470	T-3	140.0	141.0	3	28	171	342	ND	2	2	4217	0.97	9	5	ND	1	137	3	2	2	2	28.66	0.009	18	15	0.18	11	0.06	12	0.29	0.02
29471	T-3	141.0	142.0	4	21	63	160	ND	8	4	3456	1.68	22	5	ND	2	183	1	2	2	8	17.83	0.016	11	28	0.43	15	0.03	32	0.78	0.01
29472	T-3	142.0	143.0	4	38	87	282	ND	8	2	3875	1.37	9	5	ND	2	94	2	2	2	2	15.39	0.012	6	25	0.26	8	0.06	185	0.16	0.03
29473	T-3	143.0	144.0	2	18	95	275	ND	5	1	3489	0.78	6	5	ND	1	127	2	2	2	2	21.09	0.012	9	13	0.24	43	0.05	14	0.29	0.02
29474	T-3	144.0	145.0	3	23	66	222	ND	4	2	4751	0.99	24	5	ND	1	119	2	2	2	3	19.08	0.012	9	16	0.22	7	0.05	77	0.34	0.02
29475	T-3	145.0	146.0	4	21	14	78	ND	5	2	3648	1.95	32	5	ND	7	58	1	2	2	8	7.09	0.013	19	16	0.68	15	0.04	11	0.99	0.01
29476	T-3	146.0	147.0	5	18	11	53	ND	3	2	3738	1.64	35	5	ND	2	87	1	2	2	7	17.58	0.012	17	12	0.41	13	0.01	7	0.59	0.01
29477	T-3	147.0	148.0	4	32	58	208	ND	10	2	5330	1.92	23	5	ND	6	58	2	2	2	8	6.91	0.015	15	24	0.80	2	0.05	6	0.72	0.01
29478	T-3	148.0	149.0	4	29	2	38	ND	10	2	1882	1.94	27	5	ND	11	29	1	2	2	10	2.17	0.013	16	24	0.54	20	0.06	7	0.85	0.01
29479	T-3	174.0	175.0	2	27	82	401	5.66	6	2	1680	1.63	35	5	ND	6	126	2	2	2	15	14.43	0.039	18	12	0.46	60	0.07	7	1.17	0.04
29480	T-3	175.0	176.0	4	35	54	246	4.97	8	2	1569	2.19	12	5	ND	9	63	1	2	2	10	6.04	0.033	9	23	1.29	38	0.09	2	0.99	0.05
29481	T-3	176.0	177.0	3	58	55	339	4.97	4	1	4896	1.51	62	5	ND	1	183	4	13	2	9	21.13	0.027	13	13	1.26	36	0.04	34	0.38	0.02
29482	T-3	177.0	178.0	1	24	71	243	0.33	3	1	2928	0.86	32	5	0.24	1	112	3	3	2	7	28.69	0.023	14	8	1.79	24	0.04	25	0.42	0.01
29483	T-3	178.0	179.0	4	49	182	373	6.75	5	5	3020	2.25	136	5	0.18	3	52	3	14	2	16	12.18	0.029	11	18	0.41	19	0.01	7	0.38	0.01
29484	T-3	179.0	180.0	2	42	68	414	7.85	3	2	5463	1.56	99	5	0.03	1	111	4	27	2	13	28.58	0.021	17	8	0.33	27	0.02	3	0.28	0.01
29485	T-3	180.0	181.0	3	40	156	371	1.69	4	2	1920	1.93	132	5	0.09	7	68	3	19	2	25	14.58	0.057	22	12	0.14	20	0.01	25	0.36	0.01
29486	T-3	181.0	182.0	2	83	273	377	3.78	2	3	1916	2.07	126	5	0.18	1	62	5	31	2	22	19.64	0.022	12	11	0.08	11	0.01	14	0.19	0.01
29487	T-3	182.0	183.0	2	42	159	535	13.82	9	5	2815	3.45	237	5	0.23	9	62	3	22	2	68	18.26	0.093	22	15	0.54	37	0.06	25	0.84	0.01
29488	T-3	183.0	184.0	3	49	134	472	9.53	11	5	1883	2.71	176	5	0.07	10	49	3	14	2	44	7.96	0.093	21	19	0.44	31	0.03	21	0.67	0.01
32667	T-4	1219.0	1220.0	67	763	3978	3920	162.45	2	1	14441	1.34	142	5	0.14	1	253	87	240	2	16	17.45	0.024	12	13	1.65	58	0.01	4	0.19	0.01
32668	T-4	1220.0	1221.0	11	118	973	982	75.36	6	1	3837	0.80	38	5	0.01	1	82	16	31	2	13	18.59	0.036	4	15	0.99	34	0.01	8	0.29	0.01
32669	T-4	1221.0	1222.0	24	96	536	1215	5.82	12	2	3428	1.36	64	5	0.01	1	62	9	34	2	18	7.33	0.018	4	22	1.61	78	0.01	18	0.66	0.01
32670	T-4	1222.0	1223.0	16	74	618	1248	49.99	9	4	1933	2.11	188	5	0.07	2	47	6	81	3	27	2.58	0.019	3	26	2.62	22	0.01	5	0.81	0.01
32671	T-4	1321.0	1322.0	27	3296	17702	11441	5.45	3	1	9853	5.28	511	5	0.03	1	64	53	344	4	578	26.38	0.005	4	9	0.37	6	0.01	6	0.27	0.01
32672	T-4	1322.0	1323.0	4	246	1819	1284	16.98	1	1	12298	8.33	41	5	0.03	1	286	48	41	2	3	34.94	0.001	3	1	0.78	47	0.01	3	0.03	0.01
32673	T-4	1323.0	1324.0	3	58	813	432	7.38	1	1	6334	2.86	19	5	0.01	1	217	6	11	3	2	33.72	0.001	2	2	1.18	18	0.01	2	0.03	0.01
32674	T-4	1324.0	1325.0	2	176	1964	2330	9.36	1	1	9848	8.15	54	5	0.02	1	182	51	58	2	2	35.42	0.001	2	2	1.02	5	0.01	2	0.06	0.01
32675	T-4	1325.0	1326.0	7	658	11868	12909	1187.2	1	1	41694	8.93	344	5	0.14	1	236	143	259	3	1	29.75	0.001	2	2	0.48	49	0.01	6	0.05	0.01
32676	T-4	1326.0	1327.0	2	16	133	428	6.51	1	1	1413	2.84	15	5	ND	1	162	3	8	2	1	37.04	0.001	2	1	0.64	3	0.01	2	0.02	0.01
32677	T-4	1468.5	1469.5	1951	112	19200	1130	13.23	1	1	7238	1.24	1401	5	0.07	1	176	34	136	2	24	34.45	0.006	4	5	0.26	1	0.01	2	0.08	0.01
32678	T-4	1469.5	1470.5	414	184	23056	1783	97.24	5	2	9143	1.56	254	6	0.07	1	195	56	161	2	19	29.49	0.008	5	12	0.21	2	0.01	4	0.15	0.01
32679	T-4	1470.5	1471.5	14	96	6578	1899	2.93	2	1	7757	0.78	42	5	0.03	1	189	21	20	2	11	32.76	0.005	4	6	0.25	6	0.01	3	0.16	0.01
32680	T-4	1636.0	1637.0	6	5	397	276	1.48	1	1	3626	0.13	18	5	ND	1	245	3	2	2	4	33.69	0.025	2	4	0.83	18	0.01	3	0.11	0.01
32681	T-4	1637.0	1638.0	6	6	984	549	1.34	1	1	6399	0.34	18	5	ND	1	382	2	2	3	5	31.67	0.017	5	3	0.54	18	0.01	5	0.18	0.01
32682	T-4	1638.0	1639.0	6	7	2283	899	5.98	2	1	11261	0.64	17	5	0.01	1	279	5	2	2	13	27.46	0.013	6	6	0.68	48	0.01	2	0.52	0.01
32683	T-4	1639.0	1640.0	5	4	175	115	5.35	1	1	1318	0.26	6	5	0.01	1	275	1	2	2	2	38.78	0.003	2	4	0.16	8	0.01	2	0.07	0.01
32684	T-4	1653.1	1654.1	16	49	313	302	1.65	3	1	3166	0.22	22	5	0.03	1	285	4	17	2	4	33.01	0.005	2	5	1.92	156	0.01	4	0.11	0.01
32685	T-4	1715.0	1716.0	2	4	25	60	1.56	1	1	285	0.16	4	5	0.07	1	287	1	2	2	4	34.49	0.001	2	4	2.37	12	0.01	6	0.13	0.01
32686	T-4	1739.5	1740.5	4	11	1426	654	2.47	1	1	11838	2.44	24	5	ND	1	482	18	17	2	6	36.16	0.004	3	5	0.23	184	0.01	2	0.15	0.01

14112 G.D.

SAMPLE	K %	W PPM	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM	F PPM
29257	0.01	1	6.90	2.5	0.8	0.2	0.2	0.3	240
29258	0.05	1	5.20	1.5	0.5	0.2	0.4	0.3	930
29259	0.04	4	5.00	5.0	3.2	0.5	6.4	3.6	1630
29260	0.05	1	4.80	1.3	0.3	0.2	0.2	0.4	1030
29470	0.03	1	8.10	2.5	0.2	0.2	0.2	0.3	710
29471	0.07	1	20.10	2.2	0.2	0.2	0.2	0.3	1030
29472	0.01	1	7.30	2.9	0.1	0.2	0.2	0.3	400
29473	0.01	1	6.40	2.2	0.1	0.2	0.2	0.3	310
29474	0.01	1	21.20	3.8	0.2	0.2	0.2	0.3	370
29475	0.21	1	31.20	2.5	0.2	0.2	0.2	0.4	820
29476	0.11	1	31.90	3.4	0.1	0.2	0.2	0.3	600
29477	0.13	1	20.20	1.8	0.2	0.2	0.2	0.4	720
29478	0.22	2	23.40	2.0	0.2	0.2	0.2	0.3	780
29479	0.19	1	33.50	5.0	0.2	0.2	0.2	0.4	1000
29480	0.25	1	11.90	2.5	0.2	0.2	0.2	0.3	790
29481	0.05	1	51.40	16.3	0.2	0.2	0.2	0.5	520
29482	0.06	1	28.40	9.1	0.1	0.2	0.2	0.3	670
29483	0.1	1	119.20	16.1	0.1	0.2	0.2	0.7	960
29484	0.03	1	88.80	27.6	0.1	0.2	0.2	0.8	580
29485	0.19	1	115.10	19.4	0.1	0.2	0.2	0.8	950
29486	0.1	1	112.30	31.8	0.1	0.2	0.2	1.3	510
29487	0.2	1	204.00	24.1	0.2	0.2	0.2	7.6	1160
29488	0.17	1	154.10	16.9	0.2	0.2	0.2	0.6	1020
32667	0.13	1	114.40	205.0	0.1	0.2	0.8	1.6	770
32668	0.06	1	36.60	51.2	0.1	0.2	0.3	2.1	1080
32669	0.35	1	60.00	27.6	0.1	0.2	0.3	2.6	3020
32670	0.42	1	99.00	66.4	0.1	0.2	1.0	1.9	6860
32671	0.05	65	400.40	321.8	1.1	0.7	0.9	4.4	660
32672	0.05	1	33.50	46.3	0.1	0.8	0.4	2.5	170
32673	0.03	2	23.60	11.8	0.1	0.2	0.4	1.2	100
32674	0.03	1	65.00	63.1	0.1	0.2	0.5	5.2	270
32675	0.06	1	388.20	241.9	0.5	0.2	1.1	2.4	170
32676	0.02	1	19.80	9.7	0.1	0.5	0.2	1.9	220
32677	0.04	264	1797.0	158.3	0.2	0.4	0.6	2.1	300
32678	0.06	108	254.90	167.6	0.2	0.2	5.5	2.0	690
32679	0.05	21	51.40	39.7	0.1	0.5	0.7	2.0	600
32680	0.03	3	6.00	3.4	0.1	0.4	0.2	0.3	550
32681	0.05	1	9.60	1.8	0.1	0.5	0.2	0.4	360
32682	0.17	1	16.90	4.5	0.1	0.2	0.7	0.9	630
32683	0.03	1	5.00	1.0	0.1	0.6	0.2	0.3	80
32684	0.03	22	25.80	18.1	0.1	0.4	0.4	0.6	320
32685	0.02	2	3.80	2.0	0.1	0.7	0.2	0.3	300
32686	0.04	94	29.50	20.9	0.1	0.7	0.2	0.6	230

T-2

T-3

T-4

14112 G.B.

DESCRIPTIVE STATS

DRILL ELEMENT ------>			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na
SAMPLE HOLE	FROM	TO	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%
ALL SAMPLES																														
COUNT	217	216	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226
AVERAGE			15.4	458.4	2435.8	2738.8	31.955	9.3	3.9	3948.9	1.542	41.8	5.1	0.098	2.2	292.6	24.8	15.1	3.2	12.6	19.313	0.0252	9.2	16.2	1.1	36.5	0.029	17.4	0.618	0.012
ST.DEV.			132.6	1951.2	5428.6	7164.4	164.86	9.1	6.8	5812.4	2.424	187.6	0.6	0.433	2.8	632.3	68.9	48.2	11.8	38.2	10.711	0.0281	7.7	13.5	1.4	130.2	0.028	53.7	0.786	0.011
MIN.	148.8	141.8	1	1	2	14	0	1	1	113	0.04	2	5	0	1	12	1	2	2	1	0.46	0.021	2	1	0.01	1	0.01	2	0.02	0.01
MAX.	3001.5	3002.5	1951	21646	33488	54880	2043	58	66	41694	17.5	1481	14	4.02	11	6286	535	344	158	570	39.86	0.181	72	151	11.89	1886	0.17	688	4.45	0.12
DRILL HOLE T-1																														
COUNT	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
AVERAGE			2.6	78.7	1430.8	2642.9	56.783	10.8	5.5	3344.8	2.557	38.8	5.8	0.075	2.2	693.3	24.2	11.6	2.2	10.3	20.083	0.013	12.4	13.4	1.9	47.4	0.028	6.1	0.531	0.010
ST.DEV.			2.8	146.6	3761.4	8331.7	297.64	9.8	9.7	2929.5	4.461	56.8	0.8	0.156	2.2	1225.9	88.7	27.3	0.6	7.5	11.339	0.011	13.3	8.9	1.7	61.2	0.018	4.5	0.403	
MIN.	1387.5	1388	1	1	2	14	0	1	1	137	0.17	2	5	0	1	12	1	2	2	1	1.14	0.021	2	2	0.04	1	0.01	2	0.07	0.01
MAX.	2651	2652	17	826	22659	54880	2043	42	52	18254	17.5	298	5	0.86	9	6286	535	169	5	28	39.86	0.038	72	36	6.25	348	0.1	21	1.89	0.01
DRILL HOLE T-2																														
COUNT	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
AVERAGE			4.6	1717.8	5547.8	6882.7	22.128	11.7	6.3	1299.9	1.296	15.1	5.8	0.042	2.8	325.5	37.4	18.2	7.4	11.5	16.658	0.018	8.8	17.4	1.6	83.6	0.039	10.7	1.186	0.017
ST.DEV.			13.5	4258.8	9338.7	12727	72.486	11.5	10.3	1362.5	1.202	24.8	0.8	0.168	2.1	421.2	78.6	23.5	25.3	8.3	11.868	0.014	6.1	12.8	2.8	288.4	0.038	11.8	1.116	0.028
MIN.	1564	1565	1	4	3	26	0	1	1	113	0.1	2	5	0	1	39	1	2	2	2	1.65	0.021	2	2	0.03	1	0.01	2	0.07	0.01
MAX.	3001.5	3002.5	88	21646	33488	49379	462.72	47	66	6529	6.63	152	5	1.09	7	1995	386	138	158	33	38.02	0.055	27	52	11.89	1886	0.17	68	4.45	0.12
DRILL HOLE T-3																														
COUNT	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
AVERAGE			3.1	34.7	89.7	280.7	3.138	5.8	2.5	3241.1	1.761	64.8	5.8	0.045	4.3	84.9	2.4	8.6	2.8	14.3	14.988	0.029	14.3	16.8	0.5	23.8	0.042	22.8	0.558	0.017
ST.DEV.			1.8	15.5	64.2	137.2	3.965	2.8	1.3	1281.5	0.637	64.6	0.8	0.074	3.5	31.3	1.1	9.4	0.8	14.5	6.618	0.025	4.7	5.2	0.4	14.3	0.022	25.6	0.301	0.011
MIN.	148	141	1	18	2	38	0	2	1	1569	0.78	6	5	0	1	29	1	2	2	2	2.17	0.009	6	8	0.06	2	0.01	2	0.16	0.01
MAX.	183	184	5	83	273	535	13.82	11	5	5463	3.45	237	5	0.24	11	137	5	31	2	68	28.58	0.093	22	25	1.79	68	0.09	105	1.17	0.05
DRILL HOLE T-4																														
COUNT	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
AVERAGE			74.9	333.4	4385.5	2916.6	45.844	8.4	2.7	5228.8	1.181	95.9	5.8	0.055	1.2	252.8	45.9	38.9	2.4	26.6	25.564	0.015	6.8	13.4	1.1	29.8	0.018	6.1	0.525	0.010
AVERAGE			380.5	713.7	5651.4	3552.4	168.77	8.3	2.5	6936.1	0.941	224.6	0.2	0.062	0.7	245.6	71.8	75.7	1.6	85.5	18.137	0.017	4.2	10.2	0.8	48.4	0.028	7.3	0.599	
ST.DEV.			1219	1220	1	4	25	68	0	1	1	285	0.84	4	5	0	1	47	1	2	2	1	2.5	0.001	2	1	0.1	1	0.01	2	0.02	0.01
MIN.	2932	2933	1951	3298	23066	14196	1187.2	29	13	41694	5.2	1481	6	0.27	4	1252	427	344	12	578	38.76	0.081	18	33	3.19	184	0.1	42	2.61	0.01
DRILL HOLE T-5																														
COUNT	69	68	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
AVERAGE			2.4	147.8	975.2	1581.1	23.992	8.8	2.2	5889.6	1.826	17.6	5.2	0.141	1.8	117.2	10.8	9.5	2.5	6.9	28.888	0.043	8.3	19.4	0.7	8.4	0.035	36.1	0.428	0.011
ST.DEV.			1.8	363.5	1583.1	2697.5	91.916	8.1	2.6	7966.3	1.718	17.8	1.1	0.591	1.3	84.5	15.3	23.3	1.4	6.3	8.214	0.034	3.6	18.7	0.7	12.8	0.029	92.6	0.518	0.018
MIN.	984	985	1	5	15	26	0	1	1	197	0.08	3	5	0	1	21	1	2	2	1	3.48	0.004	2	2	0.01	1	0.01	2	0.03	0.01
MAX.	2564	2565	18	2354	9487	17423	627.33	58	17	37615	12.06	88	14	4.82	7	495	188	178	12	41	39.21	0.181	19	151	2.65	63	0.17	688	3.93	0.09

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K %	W PPM	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM	F PPM
226	226	226	226	226	226	226	226	226
0.126	8.9	40.49	15.48	1.38	0.53	4.33	2.30	1657.6
0.179	31.2	128.79	38.60	10.87	0.33	16.98	3.09	2774.9
0.01	1	0.7	0.3	0.1	0.2	0.2	0.3	80
1.16	280	1797	321.8	151.9	1.8	202.7	24.6	26700
46	46	46	46	46	46	46	46	46
0.141	6.1	35.11	11.45	0.55	0.36	7.51	3.26	1841.3
0.236	19.7	53.59	23.43	1.24	0.23	16.03	3.80	1827.9
0.01	1	0.7	0.3	0.1	0.2	0.2	0.3	130
1.16	100	388.9	134.9	6.8	1	78	16.8	9450
41	41	41	41	41	41	41	41	41
0.172	3.7	12.91	10.19	5.76	0.78	11.73	1.95	1508.3
0.216	10.3	19.91	24.46	24.97	0.39	34.33	3.96	977.3
0.01	1	2.5	0.4	0.1	0.2	0.2	0.3	200
0.85	67	121.8	136.6	151.9	1.8	202.7	24.6	4310
19	19	19	19	19	19	19	19	19
0.113	1.1	57.29	18.11	0.16	0.20	0.20	0.85	731.6
0.079	0.2	56.02	9.67	0.05	0.00	0.00	1.61	240.4
0.01	1	6.4	1.8	0.1	0.2	0.2	0.3	310
0.25	2	204	31.8	0.2	0.2	0.2	7.6	1160
42	42	42	42	42	42	42	42	42
0.136	19.9	104.02	38.55	0.51	0.35	2.41	3.07	2856.7
0.154	45.7	278.12	71.20	1.10	0.20	4.04	2.64	5621.6
0.02	1	3.8	0.3	0.1	0.2	0.2	0.3	80
0.67	264	1797	321.8	6.7	0.8	15.6	11	26700
69	69	69	69	69	69	69	69	69
0.071	18.2	16.37	10.56	0.34	0.75	0.62	2.05	1300.1
0.101	38.4	15.82	25.27	0.87	0.20	0.81	2.29	1310.2
0.01	1	3.2	0.4	0.1	0.2	0.2	0.3	130
0.8	280	72.5	188.3	6.6	1.2	3.5	9.5	9380

14112 G.B.

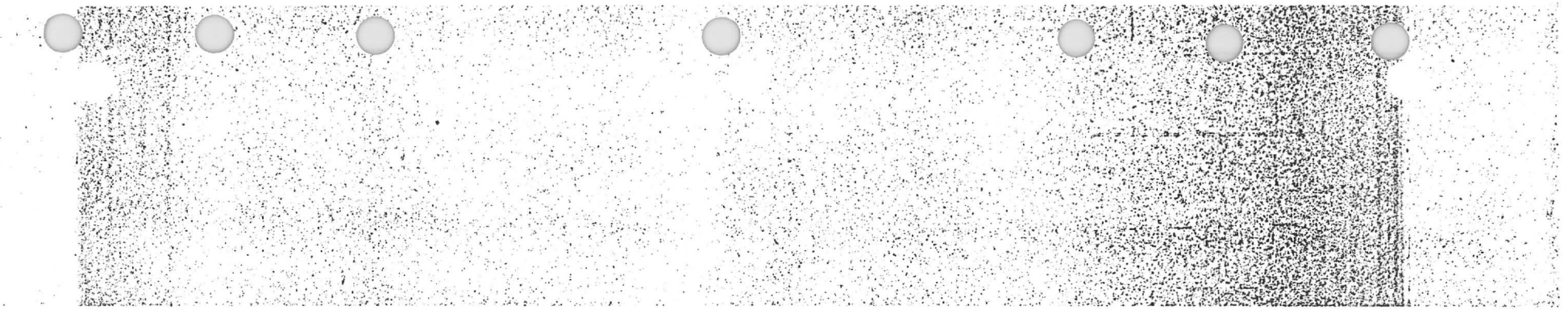
Santa Fe Pacific Mining, Inc.

TOMBSTONE PROJECT

Tombstone Mining District, Cochise County, Arizona

Drill Hole Number T-3, Total Depth 3000', Location _____N, _____E, Bearing N/A, Inclination VERTICAL, Core Size(s) NC/NX, Elevation ~4650', Date Started 10 Sep 88, Date Completed _____, Logged by KE/WDR, Total Pages 86.

1. Footage: depth below collar.
2. Recovery: horizontal lines indicate top and bottom of run, number indicates percentage of core recovered.
3. Formation: name of formation in drilled interval.
4. Lithology: standard symbology is used and is explained in the description column; symbols may be combined.
5. Bedding Angle: angle of bedding to the axis of the core.
6. Fractures: column shading indicates relative intensity of fracturing; 1st column: weak, 2nd column: moderate, 3rd column: strong.
7. Angles: angle of fractures to the axis of the core.
8. Faults, Shearing, Etc.: symbols are used as follows; ▬: fault, ⚌: shear, ▲▲▲: brecciation; symbols may be combined.
9. Calcite/Quartz Veining: symbols indicate presence of veins/veinlets: // X ; width of line indicates relative thickness; density of pattern in column or cross hatchuring indicates relative abundance of veins/veinlets in interval.
10. Alteration: column shading indicates relative intensity of alteration; 1st column: weak; 2nd column: moderate; 3rd column: strong. Wide column to right uses symbology to indicate style of alteration: // X vein/veinlet-controlled; ▒ disseminated; • • : spots, blebs; ⸙ : dendritic; ≈ : stylolitic. Lack of symbol in column indicates pervasive/massive alteration. Non-standard symbols are explained in description column.
11. Mineralization: column shading indicates intensity of mineralization; 1st column: weak (<2%), 2nd column: moderate (2-10%), 3rd column: strong (10-50%), mass column: massive (>50%). Style column uses the same symbology as for alteration, above. Major column headings (pyrite, Mn oxide, gl-sl) show general mineralization type; the complete mineralogical description appears in the description column.
12. Description: column contains information not detailed in preceding columns.
13. Assay: horizontal lines indicate interval assayed.



DRILL HOLE: T-3

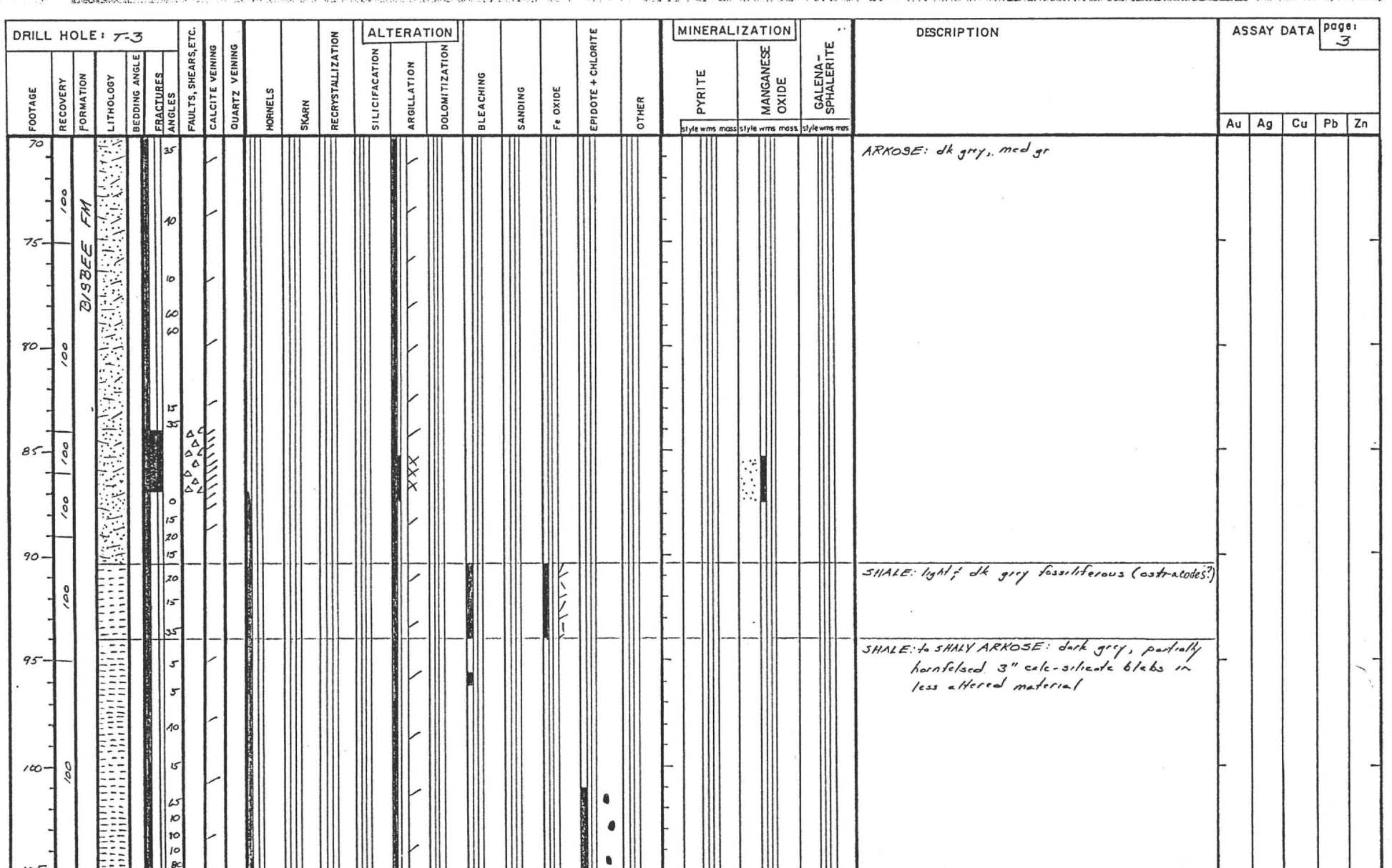
FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wms, mass)	MINERALIZATION: GALENA-SPHALERITE (style, wms, mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
0–5	100	BISBEE FM																					ARKOSE: shattered, med. gr, greenish-grey, massive to bedded					
5–10	100																											
10–15	100				15																							
15–20	100				20 55																		ARKOSE: green & white - salt & pepper coloration; med. gr; lightly metamorphosed but still soft					
20–25	100				35 15																							
25–30	100				60 35 20 60 10 0 35 15																		SILTSTONE: hornfelsed - hard; compact; dark grey; fine grained					
30–35	100																						ARKOSE: as above, Fe-rich gouge zone in mid-section					
																							LIMESTONE: sheared, abun MnO$_x$ dend on fract. healed breccia					
																							SILTSTONE: as above, bx just below upper contact					
35–40																												

ASSAY DATA page: 1

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA–SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
35	100	BISBEE FM			35																		SILTSTONE: as above					
40	100				35																							
					50																							
					35																							
					15																							
					0																							
45	100				30																		ARKOSE: greenish-gray, med. gr, lightly hornfelsed. Deformation decreases dramatically at ~ 42'					
					35																							
					90																							
50	100				15																							
					0																							
55	100				80																							
					15																							
					45																							
60	100				35																							
					15																							
65	100				35																							
					50																							
70	100				35																							

DRILL HOLE: T-3



DESCRIPTION

ARKOSE: dk grey, med gr

SHALE: light & dk grey fossiliferous (ostracodes?)

SHALE: to SHALY ARKOSE: dark grey, partially hornfelsed 3" calc-silicate blebs in less altered material

ASSAY DATA page: 3

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
105	100	BIBEE FM			60																		SHALE: as above					
110	100				60																							
115					15																		SILTSTONE: bleached, silicified: hornfelsed weird mottled white and dark grey alteration; strongly fractured controlled					
120	100				50																							
125					60																							
130	100				50																		SHALE: dark grey, weakly hornfelsed					
135	100				0																		LIMESTONE: skarned w/ abund. chlor, ep - recrystallized: strong open calcite veinlets. Near-vertical structure w/ py-chlor & calc-silicates					
140	100				0																		SHALE: w/ vertical structure as above					
																							LIMESTONE: strongly skarned; as above					

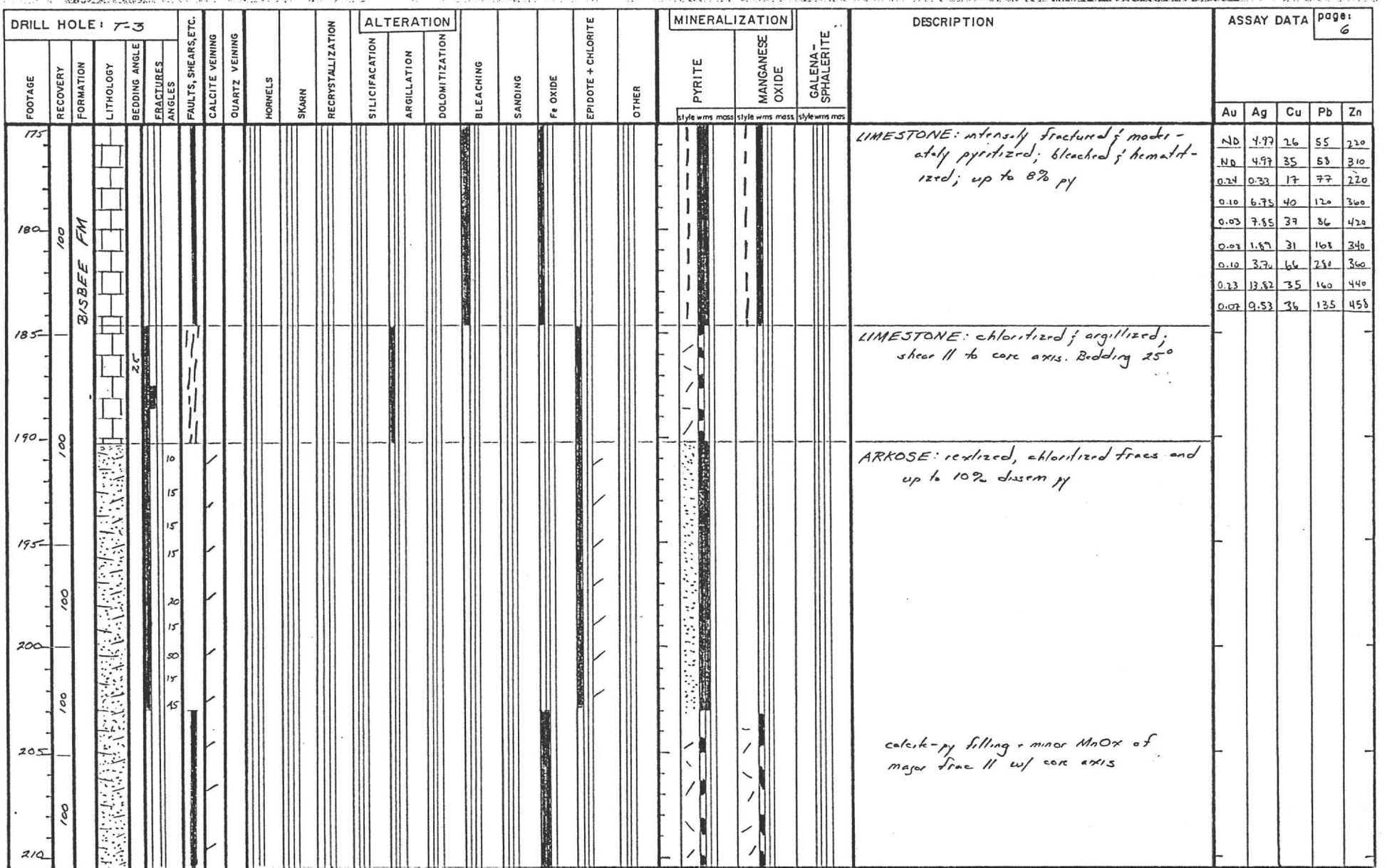
page: 4

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
140	100	BISBEE FM			0																		LIMESTONE: skarned, bleached, argillized. Long major vertical structure w/ big open calcite vein w/ py	ND	ND	17	180	320
145					5																			ND	ND	12	80	120
					0																			ND	ND	26	64	144
					5																			ND	ND	15	95	208
150	100				0																			ND	ND	19	75	180
																							ARKOSE: partially hornfelsed: structure	ND	ND	18	20	40
																							needs down and alteration envelope	ND	ND	12	18	20
155																							diminishes	ND	ND	28	60	144
																								ND	ND	24	20	18
160	100				5																Pink Mn Limestone							
					5																							
165					20																							
					5																							
170	100				5																		LIMESTONE: partially skarned, cut by numerous vertical & nearly horizontal fines					
					5																							
					75																							
175					5																		ARKOSE: as above; vertically fractured	ND	5.46	24	60	360

page: 5

DRILL HOLE: T-3



DESCRIPTION

LIMESTONE: intensely fractured & moderately pyritized; bleached & hematitized; up to 8% py

LIMESTONE: chloritized & argillized; shear // to core axis. Bedding 25°

ARKOSE: recrized, chloritized fracs and up to 10% dissem py

calcite-py filling + minor MnOx of major frac // w/ core axis

ASSAY DATA page: 6

Au	Ag	Cu	Pb	Zn
ND	4.97	26	55	220
ND	4.97	35	58	310
0.24	0.33	17	77	220
0.10	6.75	40	120	360
0.03	7.85	37	86	420
0.08	1.89	31	168	340
0.10	3.74	66	238	360
0.23	13.82	35	160	440
0.07	9.53	36	135	458

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wms, mass)	GALENA-SPHALERITE (style, wms, mas)
215	100	BISBEE FM																				
220	100				10 30 55 75																	
225					30 10 10 85																	
230	100				60 95																	
235					15 10 45																	
240	100				10 60 15																	
245																						

DESCRIPTION

LIMESTONE: SANDY, brecciated & Hematite Stained, major structure ≥ 11°
~5% oxidized pyrite

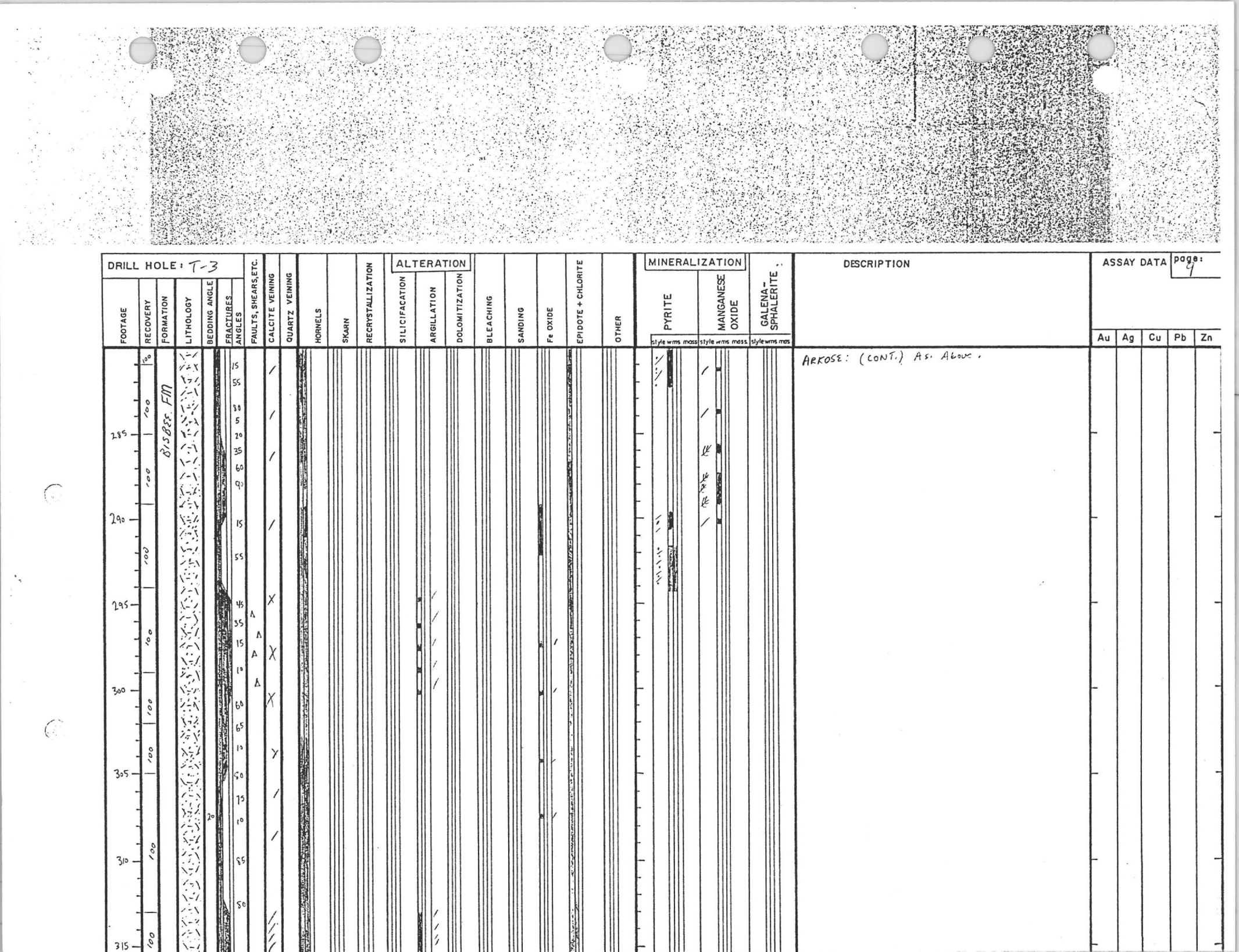
ARKOSE: Calcareous in part, fractured & Hematite Stained, MnOx dendrites, increasing epidote & chlorite.

ASSAY DATA page: 7

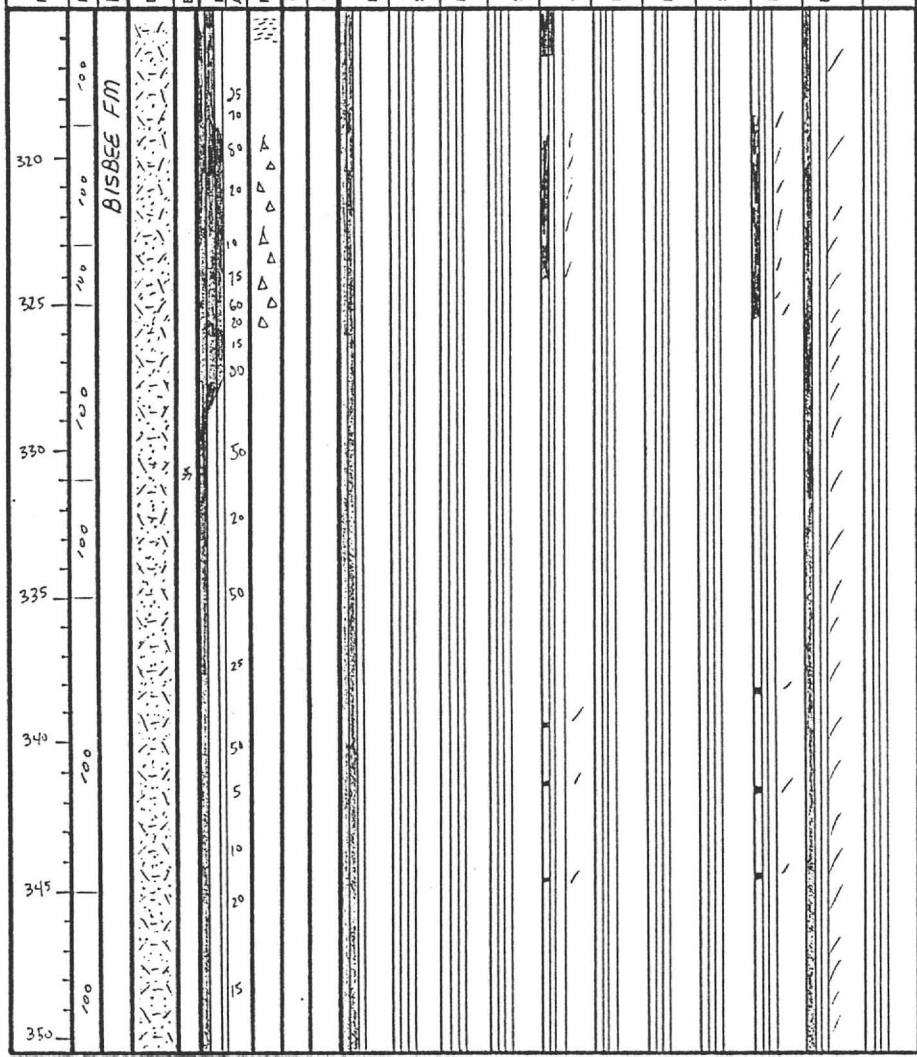
Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA (page: 2) Au	Ag	Cu	Pb	Zn
						10		/																ARKOSE: As Above.					
						15																							
						15																							
250	100	BISBEE FM				80		/																					
						20																							
						10																							
						15																							
						60																							
255						85		/																					
						15																							
						55		/																					
						10																							
260	100					85																							
						85																							
						85		/																					
						15																							
265																								≈ 2% pyrite					
						85		/																					
270	100							/																					
						35																							
						15		/																					
275																													
						25																							
								/																					
280																													


DRILL HOLE: T-3
FOOTAGE
RECOVERY
FORMATION
LITHOLOGY
BEDDING ANGLE
FRACTURES ANGLES
FAULTS, SHEARS, ETC.
CALCITE VEINING
QUARTZ VEINING
HORNELS
SKARN
RECRYSTALLIZATION
ALTERATION
SILICIFACATION
ARGILLATION
DOLOMITIZATION
BLEACHING
SANDING
Fe OXIDE
EPIDOTE + CHLORITE
OTHER
MINERALIZATION
PYRITE
MANGANESE OXIDE
GALENA-SPHALERITE
style wms mass
DESCRIPTION
ARKOSE: (CONT.) AS ABOVE.
ASSAY DATA
page: 4
Au
Ag
Cu
Pb
Zn
BISBEE FM
285
290
295
300
305
310
315

DRILL HOLE: T-3



DESCRIPTION

ARKOSE: (CONT.) As Above

ASSAY DATA

page: 10

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)
355	100	BISBEE FM			0 90 0 90 0 90																	
360	100																					
365	100				70 55 30 50																	
370	100																					
375	100				35 35 55 10 5 5 75 5																	
380																						
385																						

DESCRIPTION

ARKOSE: As Above, Sparse dissem. Pyrite.

LIMESTONE: Massive, Argillized, ≃ 10% pyrite w/ Abundant MnOx dendrites & spots.

[ASSAY]

≃ 18% dissm. pyrite.

ASSAY DATA page: 11

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE, (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
390	100	BISBEE FM		45	15																		ARKOSE: As Above.					
				20	15																							
					45																							
395	100				60																							
					15	△																						
					50	△	/																					
400	100				30		/																					
					10		/																					
405	100				30		/																					
					5		/																					
410	100				5		/																					
					5		/																					
415					5		/																					
					65		/																LIMESTONE: Shaley in part, mod. skarned, sheared brecciated & healed, Calcite veinlets.					
420																												

page: 12

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wms, mass)	MINERALIZATION: GALENA-SPHALERITE (style, wms, mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
425	100	BISBEE FM				65																		LIMESTONE: (CONT.) As Above.	page: 13				
						5																							
						65																							
						5																							
						65																							
430	100					5		/																Shale, dk grey, hornfelsed,					
						20																							
						5																							
						5		/																					
						10																							
						5		/																					
435	100					65																							
						85																							
						5																							
						70																							
						20		/																					
440	100					5		/																					
						15		/												/				LIMESTONE: As Above.					
						85		/												/									
						15		/												/									
						90																							
445	100					10																							
						5		/																SHALE: As Above					
						30																							
						0																							
						70																							
450						75														/				LIMESTONE: As Above.					
						70		/																					
						75																							
						10		/																					
						70														/									
455								/																					

ASSAY DATA page: 13

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wms, mass)	MINERALIZATION: GALENA-SPHALERITE (style, wms, mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
460	100	BISBEE FM			50 45 65 70 10 1° 30 35 20 10		X																LIMESTONE: (CONT.) As Above.					
465	100				5 0 5 15 45 65 40																		SHALE: As Above.					
470	100				20 35 75 5 75 5 65 50 75																		LIMESTONE: As Above.					
475	100																						SHALE: As Above, except calcareous in part.					
480																												
485																												
490																												

ASSAY DATA page: 14

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA (page: 15) Au	Ag	Cu	Pb	Zn
	100	BISBEE FM				85, 5, 5, 5, 5																		SHALE: As Above.					
495						35, 10, 50, 50																							
500	100					10, 10																							
						5, 20, 5																		LIMESTONE: As Above					
505																													
	100					5, 10, 25, 60, 5																		SHALE: As Above.					
510																													
						70, 0, 70, 5																		SILTSTONE: Hornfelsed, v. hard, Sandy in part.					
515	100					5, 5																							
520						5																							
525						5																							

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wms, mass)	MINERALIZATION: GALENA–SPHALERITE (style, wms, mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
530	100	BISBEE FM			15 40 5 75		/	/										/					SILTSTONE: (CONT.) As Above	page: 16				
535	100				15 50		/	/										/										
540					10 50		/	/										/										
545	100				55 75 25		/	/										/					CONGLOMERATE: fine grain matrix, SILICIFIED.					
550					60 25		/	/															SHALE: As Above: calcareous in part.					
555	100				65 35		/	/																				
560					15																							

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA–SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
565		BISBEE FM			15 50 15 15 35		/ / / /																SHALE: AS ABOVE.					
570					35 0 40																							
575					40 25 35		/ /											/ /					CONGLOMERATE INTERBED.					
580					0 0 40		/											/					LIMESTONE: Shaley, V. hard, Skarned, or Silicified.					
585					0 75 5		X											/					SHALE/SILTSTONE: Hornfelsed, v. hard & compact, minor dissem. pyrite (<< 1%)					
590					0 0 0 55 0		/ X											/										
595					25 5 25		X											/										

page: 17

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
600		BISBEE FM			5 25 0 0 55 0 0 5 90 0 0 0 85 35 0 70		/	/															SHALE/SILTSTONE: CONT. AS ABOVE.					
605							/	/																				
610							/	/																				
615					70 75 0 55 15 5		/	X												X			LIMESTONE: THOROUGHLY SILICIFIED, EARLY QTZ VEINS, LATER CALCITE VEINS.					
620					20 55 12		/	/															SANDSTONE: SILICIFIED & CALCAREOUS, V. COARSE SAND TRANSITIONAL W/ UNDERLYING CONG.					
																							CONGLOMERATE: CITZITE PEBBLES, CALCITE CEMENT, OCCASIONAL LS. PEBBLES.					
625					5 45 65 65 35 55 35		/	X															SILTSTONE: SANDY IN PART (FELDSPAR), DK GREEN, HARD, COMPACT.					
630							/	X																				

page: 18

DRILL HOLE: T-13

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION
635	100	BISBEE FM		30	35		/																SILTSTONE: As Above.
					15		/																
					35		/																
					15																		
					35																		
					25		/																
640					5																		
					10		/																
					25		/																
					65		X																LIMESTONE: As Above
					15																		
645					60		/																SILTSTONE: As Above.
					5																		
					0																		
					90		/																
					66																		
					60		/																
650					5																		
					60		X																LIMESTONE: As Above.
					50																		
					60		X																Conglomerate: As Above.
					50		/																
					60		/																
655					55		/																
					5																		SILTSTONE: As Above
					25		/																
660					15		/																
					70		/																
					35																		LIMESTONE: As Above
					45																		
665					0		/																SILTSTONE: As Above.

ASSAY DATA page: 19

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wrms mass)	MINERALIZATION: MANGANESE OXIDE (style wrms mass)	MINERALIZATION: GALENA-SPHALERITE (style wrms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
670	100	BISBEE		30	70 85 35 65 5 0 15 15		X X // / /																LIMESTONE (CONT.) As Above.	page: 20				
	100																						SILTSTONE: As Above, calcareous in part					
675	100				15		/																					
					15 35		/																Conglomerate: coarse, domin. Ls. frags, Qtz also present.					
680	100				70		/																					
685					55 5		/																CONTACT BISBEE↑ EPITAPH↓					
	100	EPITAPH DOL.			40																							
690					5 15 35 15 5 15 5 0		Y / /																SILTSTONE: Laminated interbedded Ss. & Ls. & Calcareous shale.					
695				30																								
					40 5		Y Y																LIMESTONE: CLEAN, Recrtlzd.					

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA–SPHALERITE (style wms mas)	DESCRIPTION
705	100	EPITHON			15		/																LIMESTONE: As Above, except w/ thin occasional interbeds of shale.
					15																		
					10		/																
					50		/																
710	100				35		/																
					50		/																
							/																
715					10																		
720	100				40		/																
					2																		SHALE: As Above.
					30																		
					20																		
725					70																		LIMESTONE: As Above, fossiferous (Gryphea?)
					40																		
	100				90		/																SHALE: As Above
730					60	Δ																	LIMESTONE: As Above, bx & Nodul.
						Δ																	
						Δ																	
					80	Δ																	
735					15		/																SHALE: As Above, possible short of "Navarella" of Buttler et al.

ASSAY DATA page: 21

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wms, mass)	MINERALIZATION: GALENA-SPHALERITE (style, wms, mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
740	100	EPITAPH		30	25 45 5 60 55		/ / /																SHALE: (CONT.) As Above, finely dissem pyrite					
745					15 20		/ /																				
750	100				50 5 60		/ /																				
755					10 5 55		/ /																				
760	100				11 35 10		/ /																minor Ls. bed.					
765					55 20		/ /																≃ 5% pyrite				
770					20		/																				

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
775	100	EPITAPH			76 15 15 15 30 15 30 55 35 35 35 15 45 15 55 45		/																SHALE. (CONT.) As Above.					
780	100				15 55 55 55 55 25 10 65 15 12		/ / / / / / /																LS. interbed. LIMESTONE: As Above. ±4% pyrite Shale interbed.					
785																												
790	100			30°																								
795	100				5 0 25 50 50 5 55 25 45 20		/ / / / /																SHALE: As Above. Ls. interbed.					
800				30°																								

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
810	100	EPITAPH			10 15 35		/	/ / /															SHALE, CONT. AS ABOVE					
815					35 10		/	/															LIMESTONE AS ABOVE, fossiliferous, WOLLASTONITE.					
820	100				15		/	//															SHALE: AS ABOVE, v. minor LS. interbeds. (<= 5").					
825					15 95		/	//																				
830	100				40																							
835					35 25 20		/	//																				
					15		/																					

page: 24

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA–SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
845	100	EPITAPH		30		15																	SHALE: As above.					
850				50		55																						
855	100			35		10																	LIMESTONE: Lt grey in color, Intraformational conglomerate; Skarned, Embricated, forams(?), diagenetic pyrite. oölitic in part.					
860				25																								
865	100			25																			Very little fracturing of rock					
870						50																						

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
880	100	EPITAPH DOL.		45	35		/															
885					45																	
890	100			45	45																	
895					40		/															
900	100			45	10		/															
905					10		/															

DESCRIPTION

LIMESTONE: As Above except the development of algal boundstone (Stromatolites) oolitic in part.

fossiliferous zone: (fusulins or forams?).

Limestone changes color to dk grey.

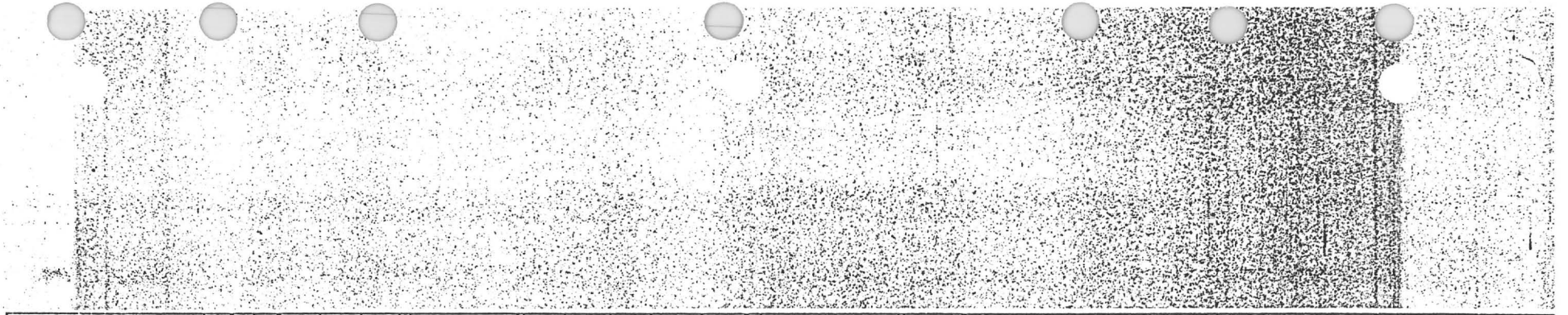
ASSAY DATA page: 26

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

page: 27

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
915	100	EPITAPH DOL.		35	10 30 10 45																			LIMESTONE: As Above					
																								SHALE: As Above, dk grey					
920	100				30 10																			LIMESTONE: As Above, except sandy in part, mod. Skarned, WOLLASTONITE					
925	100				30 15																								
930	100				70																								
935	100				90																								
940	100			45	80 70 10																			SHALE: As Above.					
																								Limestone: As Above.					



DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
950	100	EPITAPH DOL.		30	10, 45, 50																		LIMESTONE: As Above, w/occasional shaly interbed (<5") mod. skarn w/ WOLLASTONITE.	page: 28				
955					15, 55																							
960	100				5																							
965					15																							
970	100			30	25																		LIMESTONE: SKARN SOLUTION "CONGLOMERATE". WOLLASTONITE SEEN THROUGHOUT CORE.					
975					50																							
980					45																							

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
985	100	EPITAPH DOL.																				
990	100																					
995	100																					
1000	100																					
1005	100				45		/															
1010	100						/															
1015																						

DESCRIPTION

LIMESTONE: SKARN SOLUTION "CONGLOMERATE"
Occasional Large clasts in a fine matrix, Silicified, v. hard, Selectively skarned, Wollastonite in matrix & replaced clasts in a zone "like" manner.

LACKING FRACTURES until 1019'

Description by W.D.R: "clasts" consists of rounded to angular "fragments" up to 1.8' long, but more typically 2" to 4" of med. grained recrtlzd. bluish grey limestone, which fizzes strongly, and a brownish grey, v. hard non-fizzing rock which may be silicified limestone or siltstone. All in a light grey to white silicified-wollastonite matrix. Some clasts have a distinct selvage up to 1/4" of fiberous wollastonite. It is difficult to determine if unit consists of "clasts" in matrix or whether unit was originally interbedded limestone & siltstone invaded by matrix to give the appearance of a conglomerate.

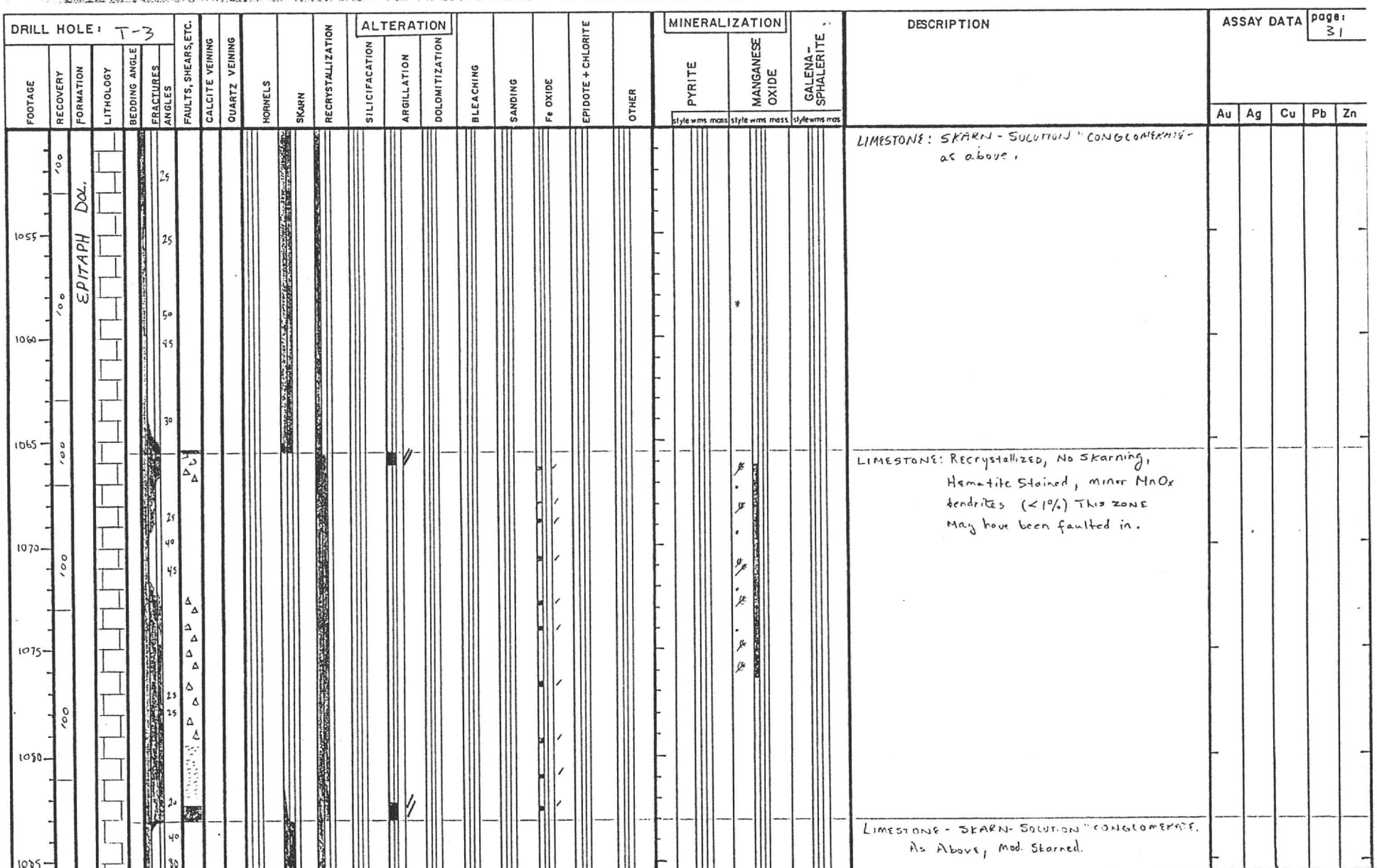
ASSAY DATA

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wms, mass)	GALENA-SPHALERITE (style, wms, mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1020	100	EPITAPH DOL.																					LIMESTONE: SKARN-SOLUTION CONGLOMERATE - Lacking in mineralization	page: 30
1025	100																											
1030	100																											
1035																												
1040																												
1045																												
1050																												

DRILL HOLE: T-3



DESCRIPTION

LIMESTONE: SKARN - SOLUTION "CONGLOMERATE" - as above.

LIMESTONE: RECRYSTALLIZED, NO SKARNING, Hematite Stained, MINOR MnOx dendrites (<1%) THIS ZONE May have been faulted in.

LIMESTONE - SKARN- SOLUTION "CONGLOMERATE. As Above, mod. Skarned.

ASSAY DATA page: 31

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1090	100	EPITAPH DOL.		5	50																		LIMESTONE: SKARN-SOLUTION "CONGLOMERATE	page: 32				
1095	100				90																							
1100																												
1105	100				90																							
1110	100																											
1115					90																							
1120																												

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1125	100	EPITAPH DOL.																					LIMESTONE: SKARN-SOLUTION CONGLOMERATE As Above. [Note: bedding is that of clasts, which coincidentally all the same!]					
1130	100																											
1135	100																											
1140					90																							
1145				45																								
1150					70																		Argillation of matrix along shears.					
1155					60																							

ASSAY DATA page: 33

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE.. (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1160	100	EPITAPH DOL.			-30																		LIMESTONE: SKARN- SOLUTION "CONGLOMERATE" healed shear zone.					
1165					45																							
1170	100				60																							
1175																												
1180	100				-80																							
1185																												
1190																							ARKOSE: See Next Page					

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
1195	100	EPITAPH Dol.		10	40																	
					30																	
1200	100			25	20																	
					30																	
					65																	
					70																	
1205						Δ Δ Δ																	
					50																	
	100				15																	
1210					25																	
1215	100				35																	
				10																		
1220					10																	
1225																						

DESCRIPTION

ARKOSE: med. brownish grey, fine grained, generally thin bedded, v. weakly hornfelsed, cut by numerous calcite veins, epidote hornfels alteration generally controlled by bedding while calcite alteration is fed from calcite filled fractures which either follow bedding or cut sharply across it.

Note: Some calcite veinlets have thin chlorite selvages.

ASSAY DATA

page: 35

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

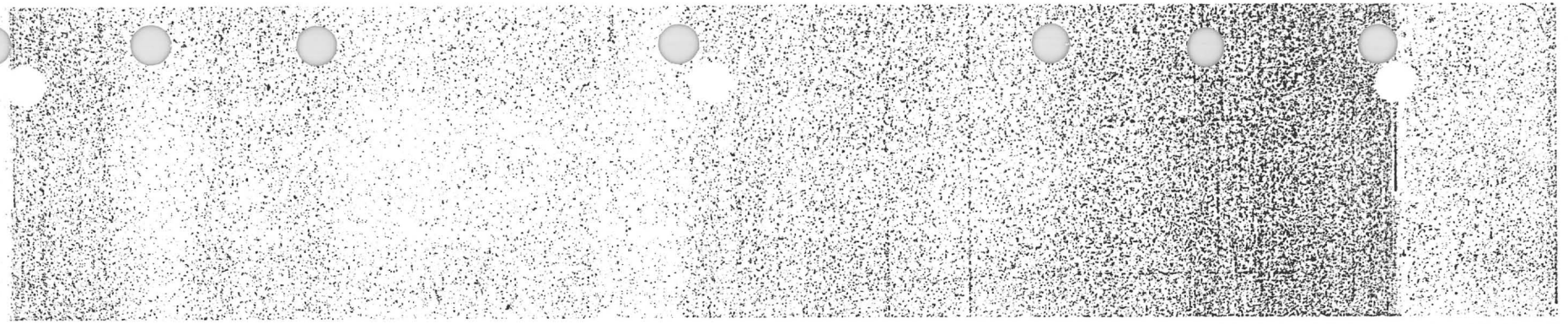
FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA–SPHALERITE (style wms mas)
1230	100	EPITAPH DOL.		30	40		/	/										/				
	100				40		/	X										/				
					70		/	X										/				
1235					70		/	/										/				
				35	70		/	/										/				
1240	100				20		/	/										/				
					60		/	/										/				
					40		/	/										/				
1245					70		/	/										/				
					30		/	/										/				
	100			35			/	/										/				
1250					55		/	/										/				
					85		/	/										/				
					50		/	/										/				
1255					30		/	/										/				
					50		/	/										/				
					50		/	/										/				
1260																						

DESCRIPTION

ARKOSE: As Above, except more massively bedded below 1240'

ASSAY DATA page: 36

Au	Ag	Cu	Pb	Zn



DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA - SPHALERITE (style wms mas)
1265	100	EPITAPH DOL.		36	70 90 50 80 0 45 90 10 90 50 40 50 80 60																	
1270	100			42																		
1275	100																					
1280																						
1285	100			46																		
1290																						
1295																						

DESCRIPTION

ARKOSE: as above; unit becomes slightly calcareous below 1273'

SILTSTONE CLAST - CALCITE CEMENT BRECCIA: angular chlorite epidote alt. 1/8" - 1" siltstone clasts in "rusty" calcite cement. Unit thoroughly lithified & contains few fractures.

SILTSTONE: med → lt grey, dolomitic (?) SILTSTONE to mudstone, thinly laminated.

SILTSTONE CLAST - CALCITE CEMENT BRECCIA: As Above

Shear @ 10° to core axis.

ASSAY DATA page: 37

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1300	100	EPITAPH DOL.			20 40																333			ARKOSE: fine grained, gritty; thinly to thickly bedded, greenish grey in color, 6" bed of f. grained LS. @ 1295'-1295.6'.					
1305	100			55	90 85																			SANDY SILTSTONE: med. greenish grey, f. grained, thinly to thickly bedded sandy Siltstone to silty Sandstone, in places weakly micaceous. Upper contact gradational. Short intervals have a limey matrix.					
1310	100			55	50																							
1315																												
1320	100				20 50 40																							
1325				20	80																							
1330			SΔSΔ ΔSΔS SΔSΔ ΔSΔS		70	Δ Δ Δ Δ																		FAULT BRECCIA & Gouge. See next page.					

ASSAY DATA page: 38

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wnns mass)	MINERALIZATION: MANGANESE OXIDE (style wnns mass)	MINERALIZATION: GALENA-SPHALERITE (style wnns mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1335	100	EPITAPH DOL.	SΔS ΔSΔ SΔS ΔSΔ SΔS ΔSΔ SΔS ΔSΔ SΔS ΔSΔ SΔS ΔSΔ SΔS			Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ	/ / / / / / / / / / / / /																FAULT BRECCIA & GOUGE:					
1340	100			50	30		/																SILTY SANDSTONE: as above except slightly f. grained intervals having a calcareous matrix more common - 6" limestone bed @ 1341'					
1345	100				50 50		/																					
1350	100			75	too broken for measurement		/																					
1355	100				50		/																					
1360	100			50	50		/ /																					
1365							/																					

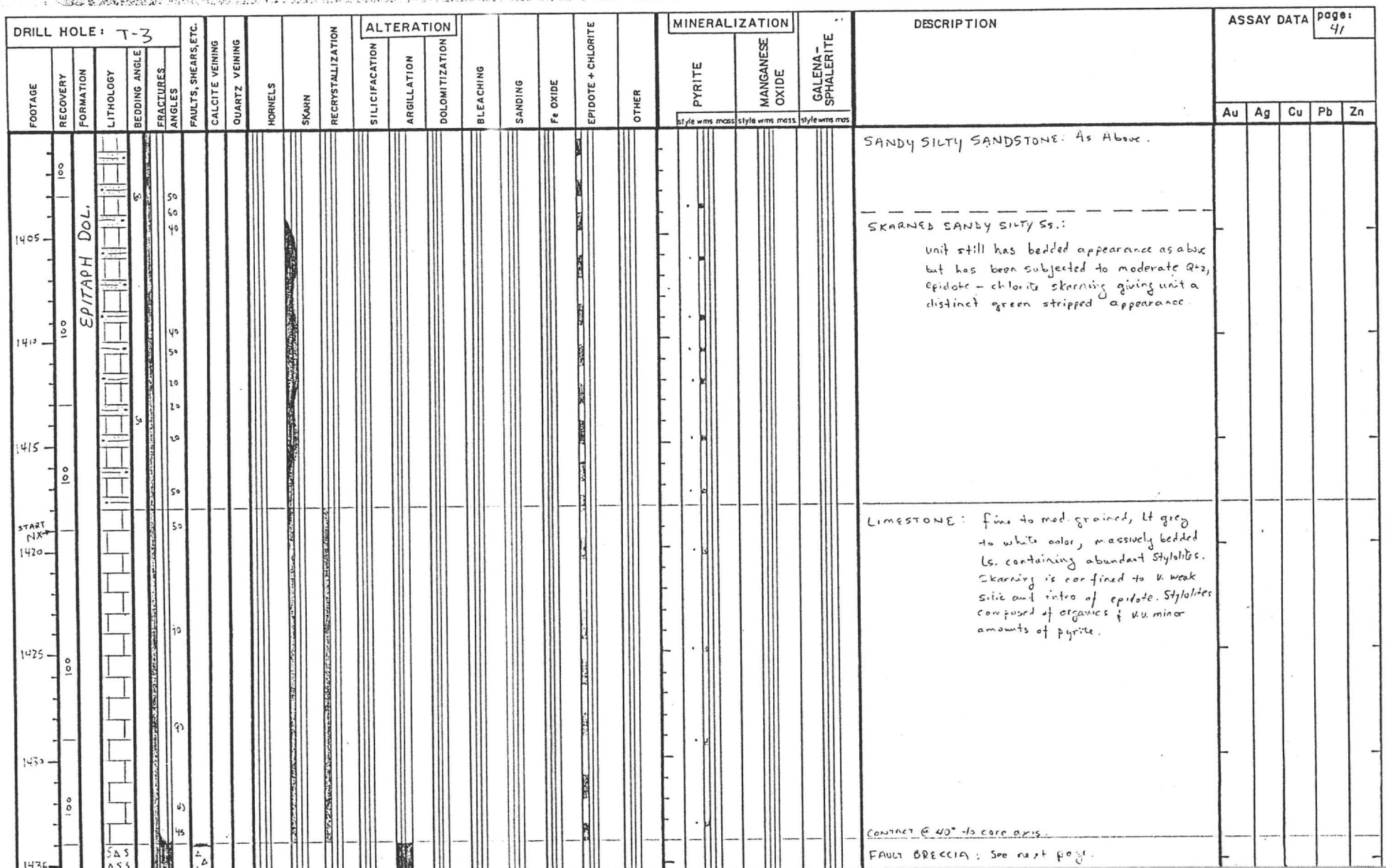
ASSAY DATA page: 39

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1370	100	EPITAPH Dol.		50	20 / 50 / 45																		SILTY SANDSTONE As Above.					
1375	100			50	40 / 50 / 50																		SANDY-SILTY-LIMESTONE: thinly bedded fine grained Sandy silty Limestone, interbedded Sandstone, siltstone & Sandy siltstone.					
1380																							SILTY SANDSTONE: As above, laminated bedding at 1380'					
1385	100			45	50																		SANDY SILTY LIMESTONE: has marly appearance except for short 1' intervals of more or less homogeneous gritty limestone.					
1390																												
1395				40		P																						
1400																												

page: 40

DRILL HOLE: T-3



DESCRIPTION

SANDY SILTY SANDSTONE: As Above.

SKARNED SANDY SILTY Ss.:
unit still has bedded appearance as above but has been subjected to moderate Qtz, epidote – chlorite skarning giving unit a distinct green stripped appearance

LIMESTONE: fine to med. grained, lt grey to white color, massively bedded Ls. containing abundant Stylolites. Skarning is confined to v. weak silic and intro of epidote. Stylolites composed of organics & v.v. minor amounts of pyrite.

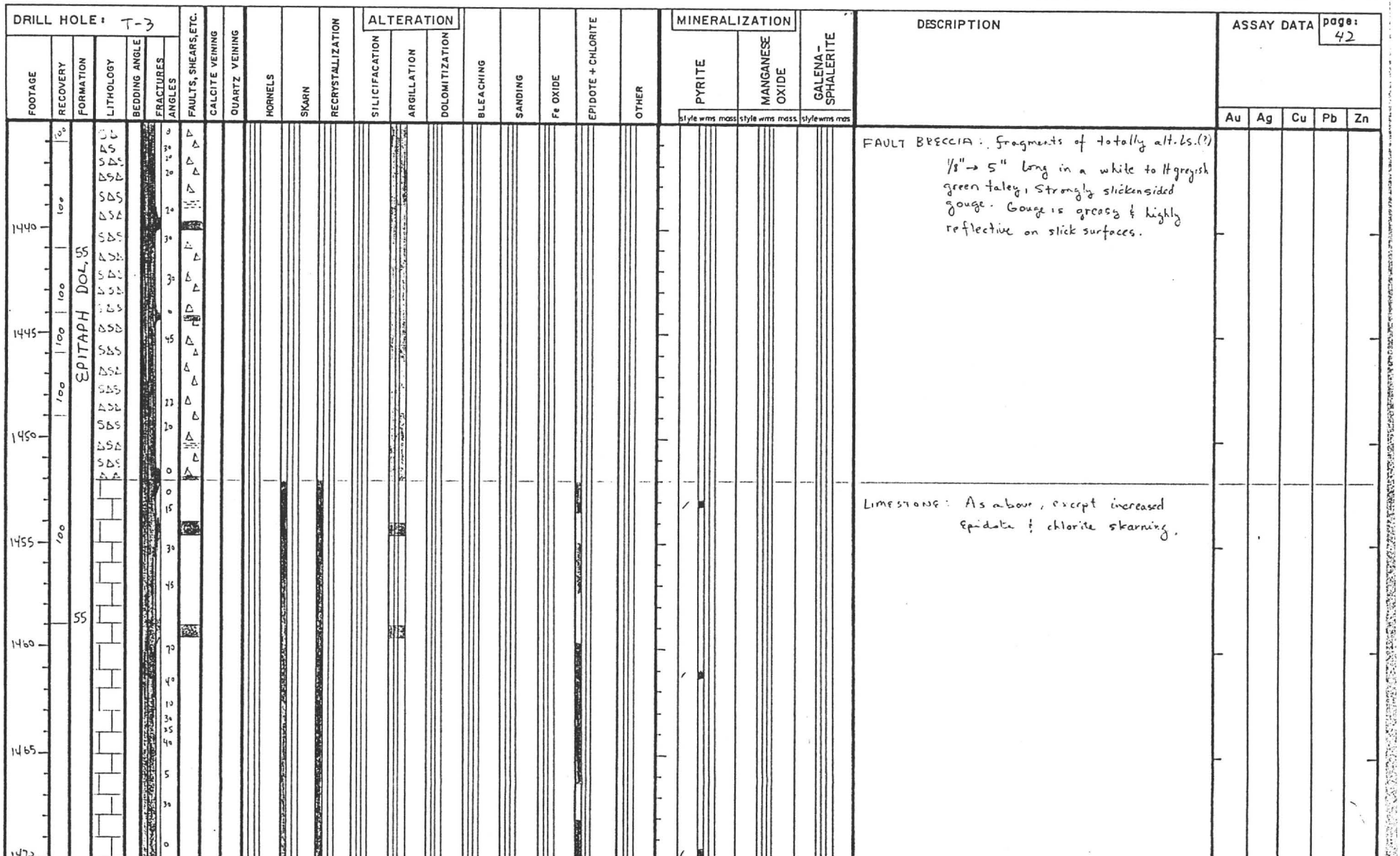
CONTACT @ 40° to core axis.

FAULT BRECCIA: See next page.

ASSAY DATA page: 41

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3



DESCRIPTION

FAULT BRECCIA: Fragments of totally alt. Ls.(?) 1/8" → 5" long in a white to lt grayish green talcy, strongly slickensided gouge. Gouge is greasy & highly reflective on slick surfaces.

LIMESTONE: As above, except increased epidote & chlorite skarning.

ASSAY DATA

page: 42

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE, (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1475		EPITAPH DOL.		50	40 40 45 45																		LIMESTONE As Above, except lacking in Skarn minerals or texture.					
1480					45 35 5																		SILTSTONE: Appears massive, Bleached, Lt grey → white in color, silicified, v. hard, lacking in epidote-chlorite.					
1485					50																		LIMESTONE: As Above					
1490					40																							
1495				50	50																							
1500					40																		SILTSTONE: As Above.					
1505																												

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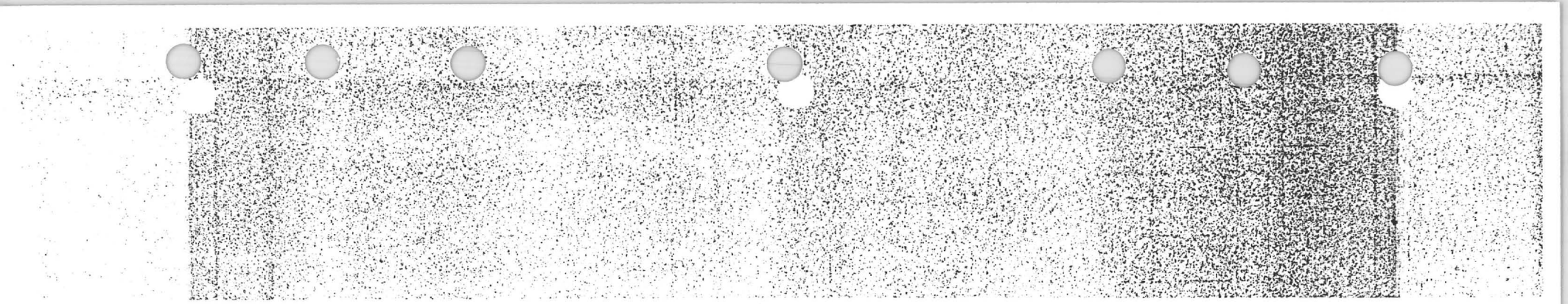
DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA–SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1510	100	EPITAPH DOL.			40 4 5																		LIMESTONE. As Above.					
1515				50	30 5 45																		ARKOSIC SILTSTONE: finely bedded, fine grained, Lt-med. brown in color, void of minerals, very hard, mod. Horrfelsed.					
1520					45																							
1525	100				35 5 10 5 0																		LIMESTONE: As Above, except sharply increased pyrite along fractures & diseem. throughout. Epidote-chlorite skarning increasing. <2% <8%.					
1530				50	30 5																							
1535					30 20 45																							
1540					35																							

ASSAY DATA page: 44



DRILL HOLE: T-3

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wms, mass)	MINERALIZATION: GALENA - SPHALERITE (style, wms, mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1545	100	EPITAPH DOL.			15 65 30 90 15 20 55 90 10								/ /					/ /										
1550																												
1555																												
1560	100																											
1565					95 10 90 75		/ / /																					
1570																												
1575					5		/																					

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1580	100	EPITAPH DOL.			45 20 45																		SANDY SILTSTONE: (CONT.) As Above.					
1585	100				45																							
1590	100				45 55																							
1595																							LIMESTONE: As Above.					
1600	100				50 45 70																							
1605					50																		SILTSTONE: As Above, dk grey in color, mod. Hornfelsed.					
1612					50																							

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DRILL HOLE: T-3
FOOTAGE
RECOVERY
FORMATION
LITHOLOGY
BEDDING ANGLE
FRACTURES ANGLES
FAULTS, SHEARS, ETC.
CALCITE VEINING
QUARTZ VEINING
HORNELS
SKARN
RECRYSTALLIZATION
ALTERATION
SILICIFICATION
ARGILLATION
DOLOMITIZATION
BLEACHING
SANDING
Fe OXIDE
EPIDOTE + CHLORITE
OTHER
MINERALIZATION
PYRITE
MANGANESE OXIDE
GALENA-SPHALERITE
DESCRIPTION
ASSAY DATA
Au
Ag
Cu
Pb
Zn
page: 47
EPITAPH Dol.
1615
1620
1625
1630
1635
1640
1645
Siltstone: As above
Sphalerite
Limestone: As above

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1650	100	EPITAPH DOL.		45	0 5 10 20 0 5 0 40																		LIMESTONE: As Above, except disappearing skarn, slightly dolomitic in part, MnOx assoc. w/ stylolites, Rextlzn increasing.					
1655	100				60 5 0 10																							
1660	100			45	40																							
1665	100				40																							
1670	100				10 25																							
1675																												
1680																												

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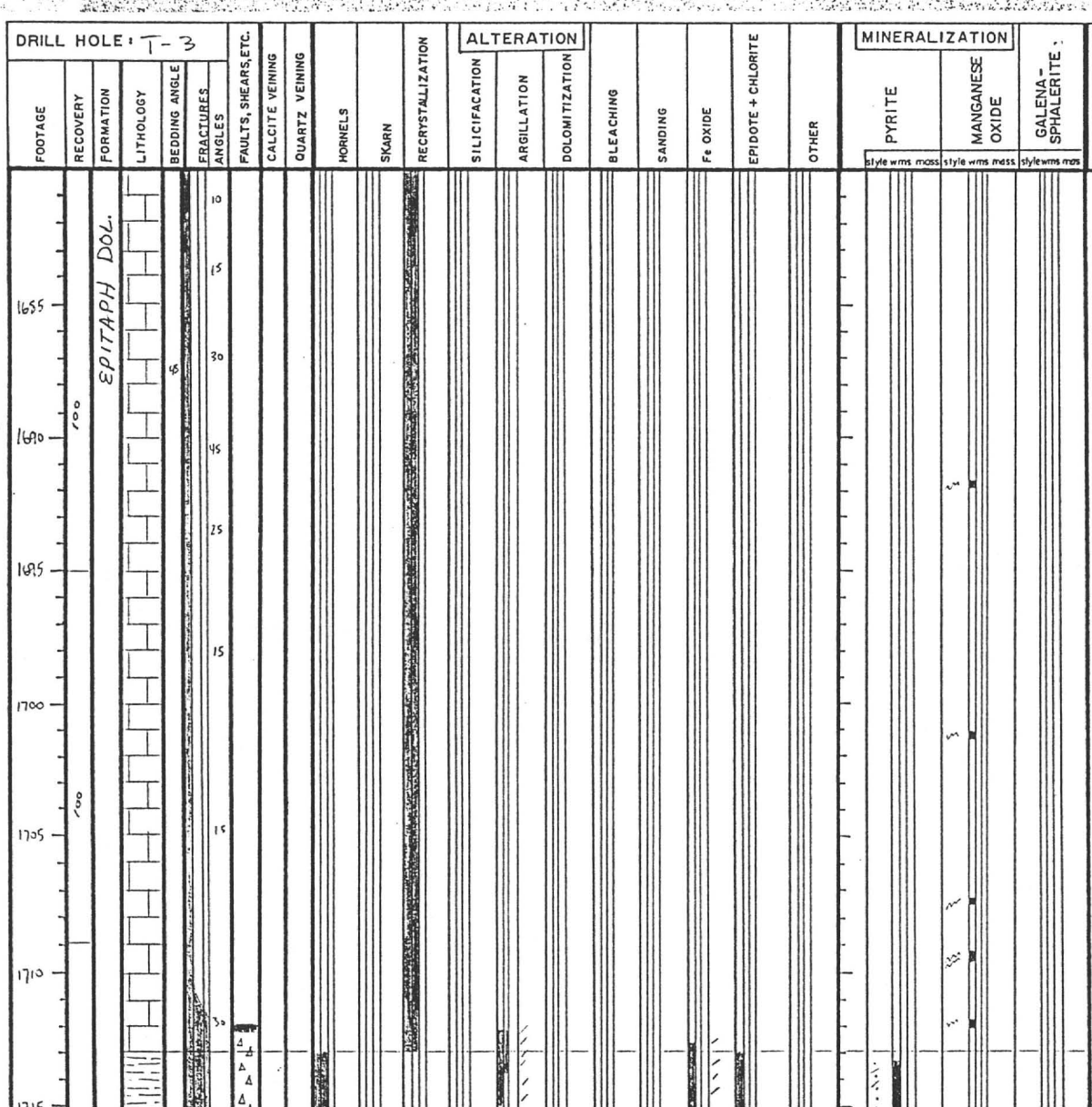
DRILL HOLE: T-3



DESCRIPTION

LIMESTONE: As Above, occasional stylolites, decreased or lacking in dolomite

SILTSTONE/SHALE: DK green, grainy texture (Secondary minerals - unidentified) & occasional talc-chlorite.

ASSAY DATA page: 49

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1720		EPITAPH			20																		SILTSTONE/shale. As Above, Slightly calcareous.					
1725					10																		Talc assoc. w/ shear.					
1730		COLINA			20																		Contact is gradational LIMESTONE: Snow white, massive, mod-strongly recrtlzd, probably Top of COLINA:					
1735					15 10																							
1740					40 50																							
1745					80 60 50																		Argillite & Fe Ox assoc. w/ gouge.					
1750																												

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DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1755	100	COLUMN LS																					LIMESTONE (CONT) AS ABOVE, occasional stylolites, fractures & Bedding Sparse. 1784.5' → 1791' very coarsely rextlzd. (½" - 1" rhombs).					
1760																												
1765	100																						Finely dissem. galena & unidentified Silica Amphibole, minor MnOx					
1770																												
1775	100			5°	45																							
1780																												
1785					75														W				TALC ASSOC. W/ stylolite.					

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1790	100	COLINA LS.																										
1795																							GALENA + sphalerite					
1800																												
1805	100				Co 55 20 10																		Galena + pyrite					
1810																							Galena + pyrite					
1815																												
1820																												

(Note: stylolite mineralization may have originally been fracture controlled prior to pressure solution - stylolitization)

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wms, mass)	MINERALIZATION: GALENA-SPHALERITE (style, wms, mas)
1825	100	COLINA LS.			35																	
1830					35																	
1835					35																	
1840					30																	
1845					60																	
1850					60																	
1855					45																	

DESCRIPTION

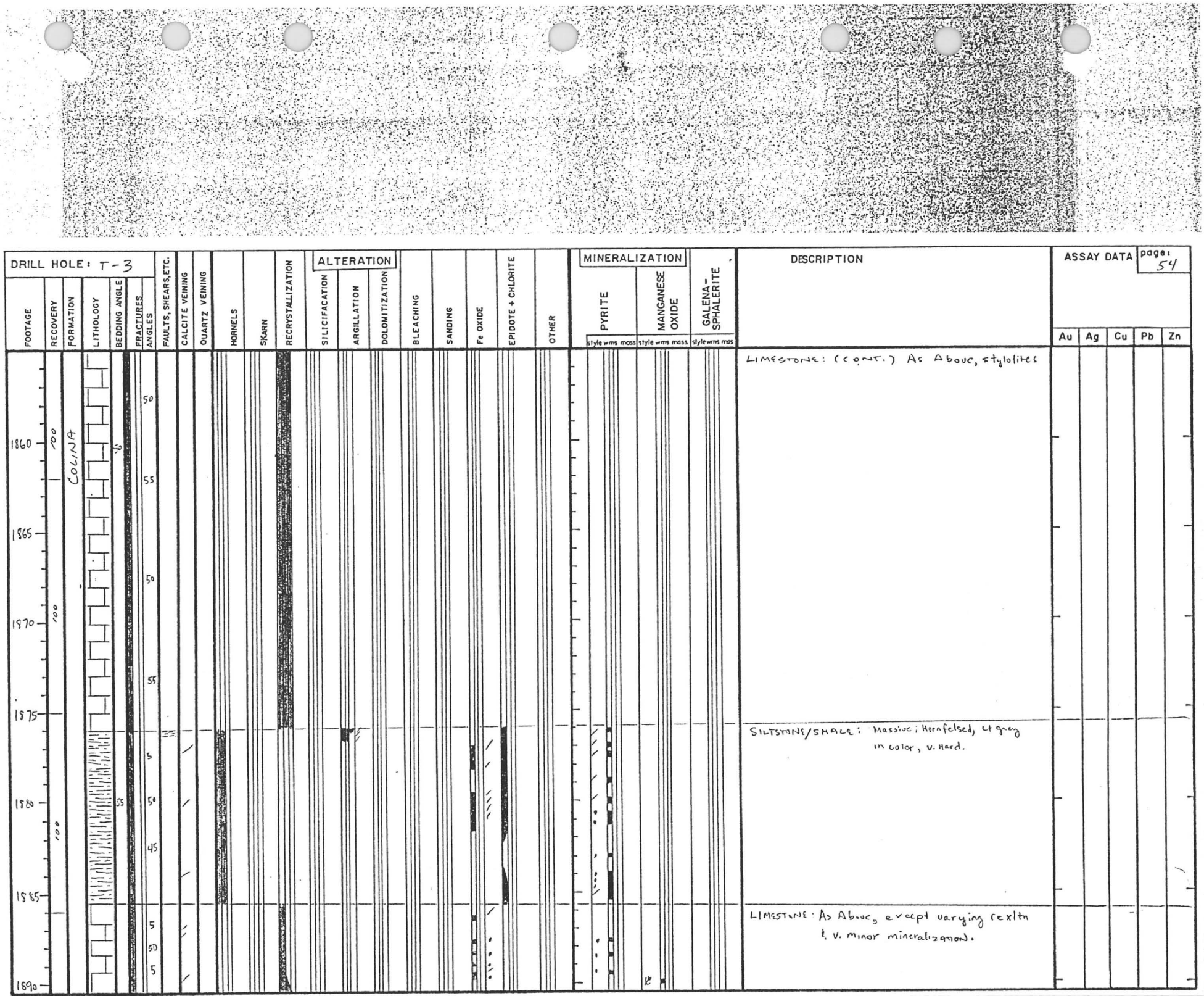
LIMESTONE (CONT) AS ABOVE.

galena - sphalerite

From 1851' → 1857' unidentified silica mineral (black) giving the core a spotty appearance.

ASSAY DATA page: 53

Au	Ag	Cu	Pb	Zn


DRILL HOLE: T-3
FOOTAGE
RECOVERY
FORMATION
LITHOLOGY
BEDDING ANGLE
FRACTURES ANGLES
FAULTS, SHEARS, ETC.
CALCITE VEINING
QUARTZ VEINING
HORNELS
SKARN
RECRYSTALLIZATION
ALTERATION
SILICIFACATION
ARGILLATION
DOLOMITIZATION
BLEACHING
SANDING
Fe OXIDE
EPIDOTE + CHLORITE
OTHER
MINERALIZATION
PYRITE
style wms mass
MANGANESE OXIDE
style wms mass
GALENA-SPHALERITE
style wms mas
DESCRIPTION
ASSAY DATA
page: 54
Au
Ag
Cu
Pb
Zn
COLINA
1860
1865
1870
1875
1880
1885
1890
LIMESTONE: (CONT.) As Above, stylolites
SILTSTONE/SHALE: Massive; Hornfelsed, lt grey in color, v. Hard.
LIMESTONE: As Above, except varying recrystln & v. minor mineralization.

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1895	100	COLINA		60	20																		LIMESTONE: (CONT.) As Above, occasional stylolites.					
					65																							
					30																							
					10																							
1900					5																							
					10																							
					60																							
1905				55																								
					45																							
1910	100																											
					60																							
1915				55																								
					5																							
1920					45																		fusilins.					
1925																												

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DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1930	100	COLINA		55	45		/										/						LIMESTONE: As Above, w/fossiliferous horizons (fusilinids), The intermittent dk grey nature of the Ls. may be remenant of original dk grey color of the Collina Ls. as Sited in the literature.					
1935					10		/																					
1940																												
1945	100				45		/																					
					20		/																					
1950				55	35		/																					
1955					45		//										/						fusilias.					
1960																												

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DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1965	100	COLINA		55	55 70																		LIMESTONE (CONT.) As Above, Trace Pyrite Assoc. w/ fine fractures, (≤1%)					
1970	100				55 30																		fusilins.					
1975					30																		fusilins.					
1980					45																							
1985	100			55	45																							
1990					60																							
1995					55 55																							

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DRILL HOLE: T-3

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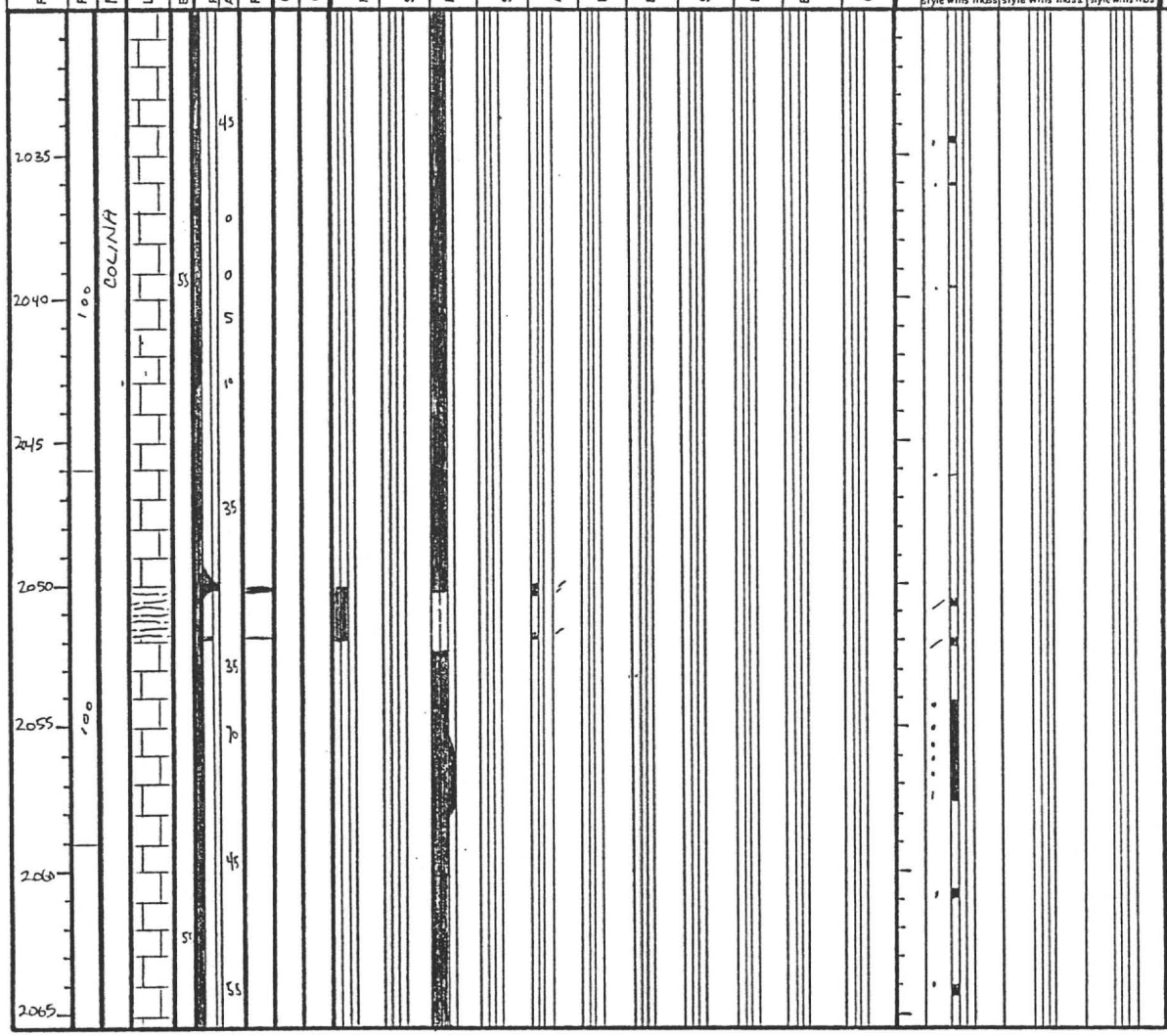
FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2000	100	COLINA		35	45 55																		LIMESTONE: (CONT.) AS ABOVE.					
2005																												
2010	100				70																							
2015					55 5																							
2020				35	10																							
2025	100				45																							
2030																												

DRILL HOLE: T-3



DESCRIPTION

LIMESTONE: (CONT.) As Above

Shale interbed.

ASSAY DATA

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
						55																		LIMESTONE: (CONT.) AS ABOVE.					
						10																							
2070	100	COLINA				5																							
				55																									
2075						45																							
2080																													
	100					60																							
2085																													
2090						45																							
2095																													
						40																							
2100																													

page: 60

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	COLINA				45																		LIMESTONE: (CONT) As Above, Epidote - chlorite in part.					
2105	100			45																									
						65		/																					
2110	100																												
	100					50																							
2115																													
						15		/																					
2120				45																									
	100																				/								
2125						55		//																					
																					/								
2130						15																							
								/																WG FILLED W/ Qtz vtls.					
				40		10		/																					
2135																													

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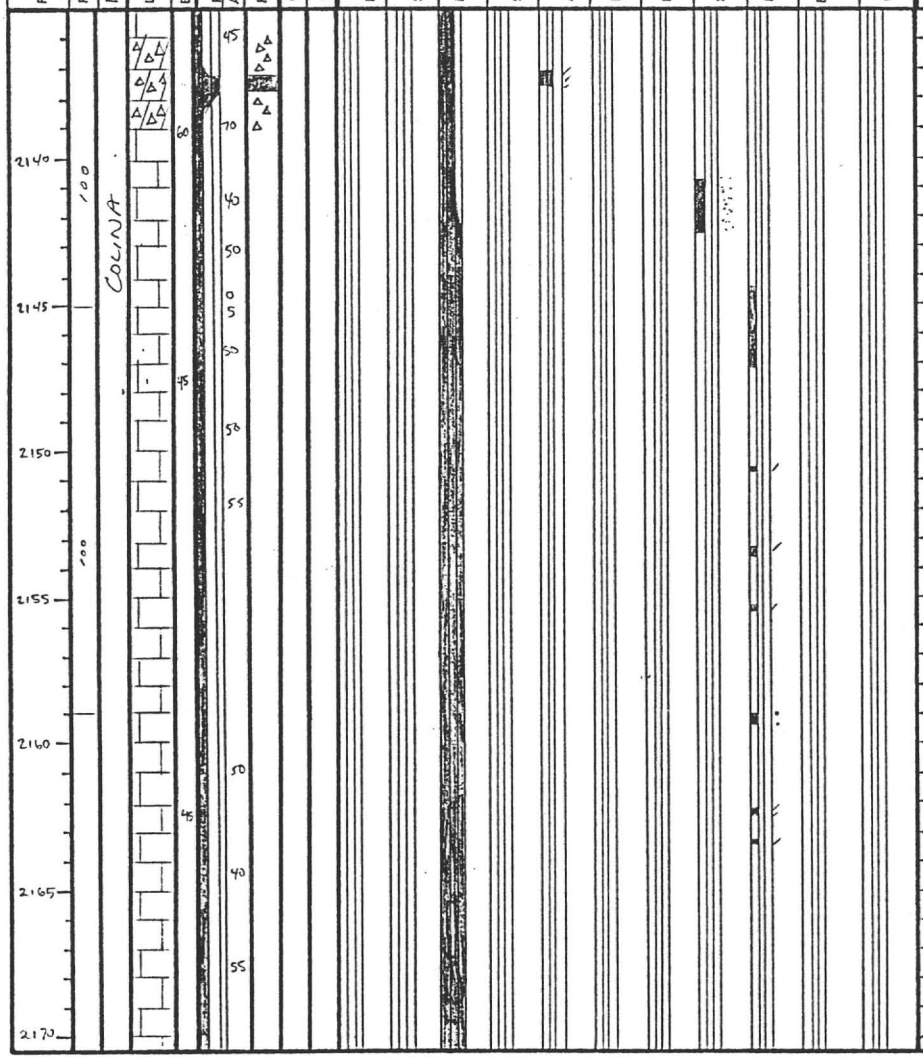
DRILL HOLE: T-3



MINERALIZATION: PYRITE (style wms mass), MANGANESE OXIDE (style wms mass), GALENA-SPHALERITE (style wms mas)

DESCRIPTION

LIMESTONE: (CONT.) As Above, dolomitic zone associated w/ Fault.

mildly sanded.

FeOx Stained.

ASSAY DATA

page: 62

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
2175	100	COLINA			50																	
2180					35																	
2185	100				45																	
2190					40																	
2195	100				35																	
2200				5	15																	
2205					90																	

DESCRIPTION

LIMESTONE: (CONT.) As Above, occacional stylolites

MILD SANDING.

ASSAY DATA page: 63

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
2210	100	COCINA			0		/															
2215	100				5		/															
2220					35																	
2225					90		/															
2230	100				75																	
2235					0		/															
2240					63																	
					45																	

DESCRIPTION

LIMESTONE: (CONT) As Above
very uniform, lacking in alteration except recrtln. lacking in mineralization.

ASSAY DATA page: 64

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2245		COLINA		55	50		/																LIMESTONE: As Above					
2250					45		/																					
2255					35																							
2260					50																							
2265					25																							
2270				55	60		/										/											
2275					10		/																					
					0		/																					
					5		/																					

ASSAY DATA page: 65

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
2290		COLINA		55	40																	
2295					35																	
2300				55	40																	
2305					0																	
2310					50																	
					5																	
					45																	
					0																	
					70																	
					35																	

DESCRIPTION

LIMESTONE: As Above.

SILTSTONE: As Above, minor pyrite

LIMESTONE: As Above

garnet-development(?)

SILTSTONE: As Above. laminated, V. hard.

ASSAY DATA page: 66

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA–SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2315	100	COLINA		5	0																		SILTSTONE: As Above.					
					15																							
					45																							
2320				5	50																		LIMESTONE: As Above, except containing diosem; fracture controlled galena-sphalerite, H_2S gas w/applied HCl.					
2325	100				45																		SILTSTONE: As Above.					
																							LIMESTONE.					
2330					15																							
2335					30																							
2340	100			40	5																							
					30																							
2345																												

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
2350	100	COLINA		35	50 35 45		/										/ / / /					
2355					45 10 45		/										/					
2360	100			45	40												/ / /					
2365					25		/										/					
2370																						
2375				40	15		/										/ / / /					
2380					30																	

DESCRIPTION

LIMESTONE: As Above, except lacking in mineralization (except pyrite).

ASSAY DATA

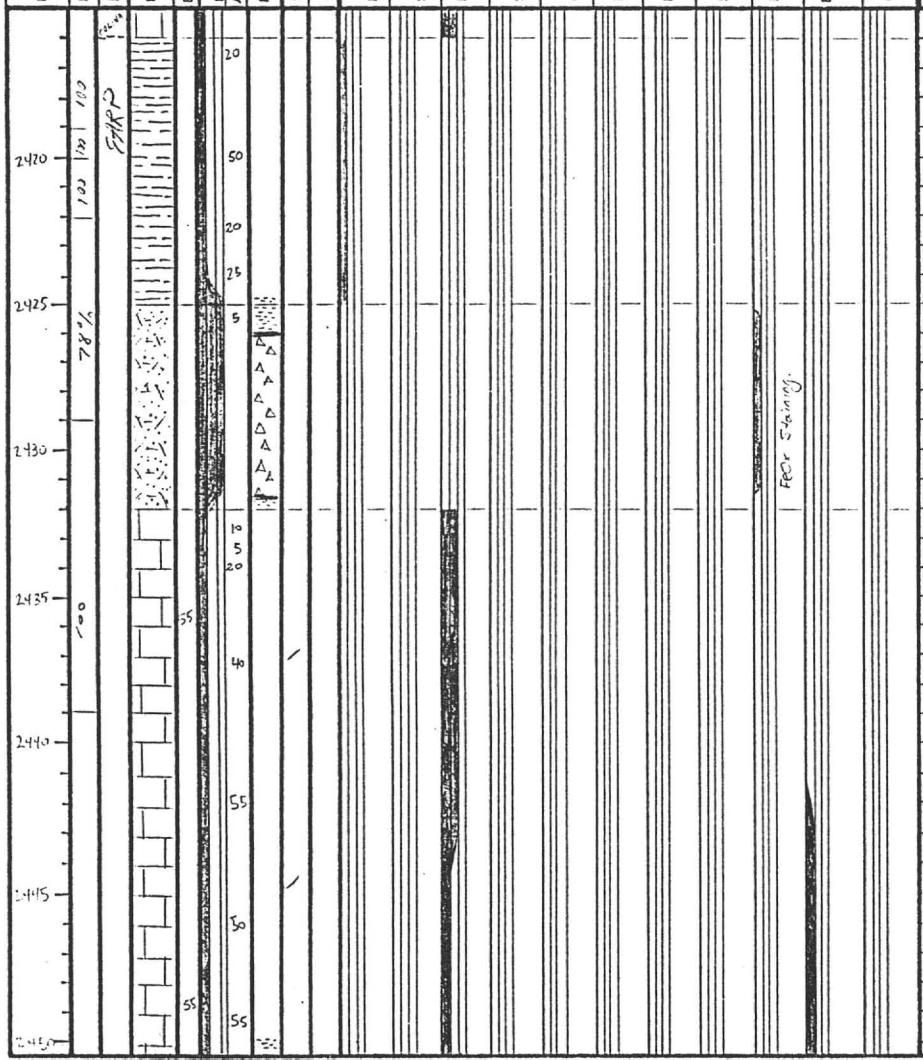
page: 68

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2385	100	COLLUVIA		40	45		/																LIMESTONE: CONT. AS ABOVE.	page: 69				
					70		/																					
2390					55		/																					
2395	100				40																							
2400				35	30																		SILTSTONE: DK-grey, laminated w/v. thin occasional LS. beds.					
2405					40																		LIMESTONE: AS ABOVE.					
2410					45																							
2415					70																							

DRILL HOLE: T-3

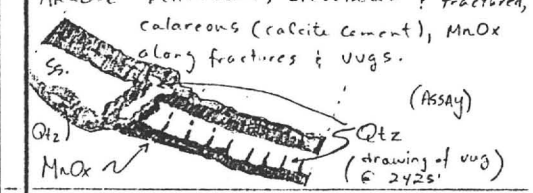


DESCRIPTION

Ls. As Above [TOP OF EARP]

SILTSTONE: As Above, MnOx along fracture faces.

ARKOSE: Red in color, Brecciated & fractured, calareous (calcite cement), MnOx along fractures & vugs.



LIMESTONE: As Above, occasional Stylolites, increasing epidote-chlorite alteration, especially along bedding planes, occasional zones of chlorite metacrysts. Chlorite is also coating slickenside surfaces.

ASSAY DATA page: 70

Au	Ag	Cu	Pb	Zn
<.005	<.05	50	82	192
<.005	.07	58	128	414
<.005	<.05	120	.18%	466
<.005	<.05	86	392	408
<.005	<.05	90	374	260
<.005	<.05	338	.15%	.21%
<.005	.06	122	520	388
<.005	<.05	114	600	352
<.005	<.05	114	488	262
<.005	<.05	84	208	198
<.005	<.05	6	30	22

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2455	100	EARP					/						X										LIMESTONE: (CONT.) As Above.						
	100						/						X										} FRACTURE ZONE: No fault gouge, slickensides or breccia; minor argillation.						
2460	66						/						X																
2465	71						/																SILTSTONE: finely bedded v. fine Siltstone, lt green, lt brown → dk green in color (Epidote - chlorite alteration in part). occasional fracture controlled pyrite, chlorite & rare sphalerite - galena.						
2470							/																						
2475							/													/								
2480	100						/													/								
2485							/																						

ASSAY DATA page: 71

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
2490	100	SARP		55	60																	
2495					5																	
					10																	
2500					5																	
					5																	
					5																	
2505	100				5																	
					10																	
					10																	
2510					10																	
					5																	
	100				10																	
2515					5																	
					10																	
2520					30																	

DESCRIPTION

SILTSTONE: (CONT.) As Above.

(chlorite metacrysts ≃ 10" Thick).

LIMESTONE: As Above.

SANDY-CALCAREOUS SILTSTONE: Sandy, lt grey to off-white in color, mod. fractured.

MAP ≃ 18.7 o/t [ASSAY]

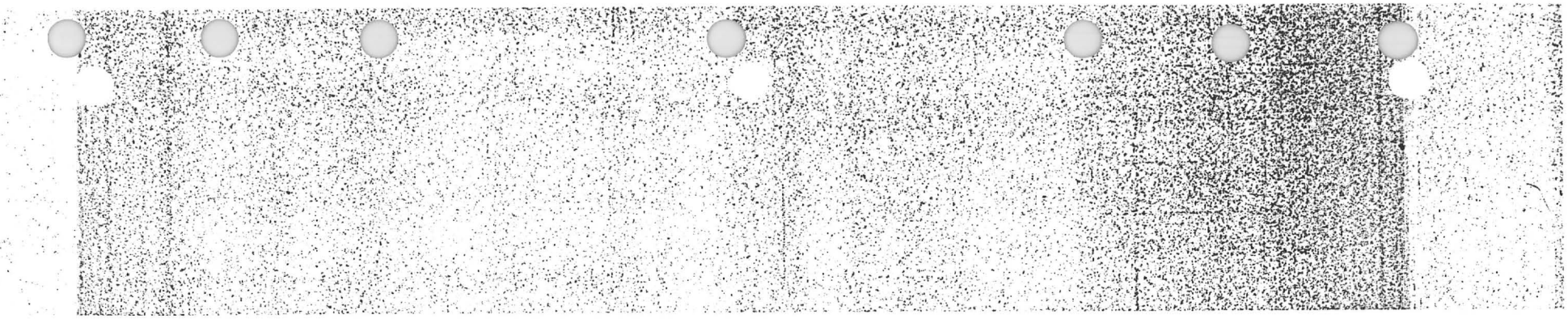
LIMESTONE: As Above

SANDY-CALCAREOUS SILTSTONE: As Above.

SILTSTONE. As Above.

ASSAY DATA page: 72

Au	Ag	Cu	Pb	Zn



DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wms, mass)	MINERALIZATION: GALENA-SPHALERITE (style, wms, mas)
2525	100	EARP		50	55 60 55		/	/												/		/
2530	100				5 30 35		/	/												/		/
2535				55			/													/		
2540					45		/													/		/
2545				55	45															/		/
2550	100				50 30		/	/												/		
2555					10		/													/		

SEE PREVIOUS PAGE

SILTSTONE: As Above

V. fine Sandstone. Lt grey in color, hard, v. fine bedding, minor chlorite inclusions (metacrysts).

DOLOMITIC-LIMESTONE: massive, mottled, Lt g Stained, chlorite metacrysts, minor pyrite

DESCRIPTION

ASSAY DATA page: 73

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wms, mass)	MINERALIZATION: GALENA-SPHALERITE (style, wms, mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2560	100	EARP			45 40 50																		SEE PREVIOUS PAGE. LIMESTONE: Emerald green → dk green in color, mod. Epidote-chlorite Alt. mildly skarned. Breccia zone is healed.					
2565	100				45 50 90 45																		SHALE: As above. Fault gouge (M.A.P. (1.5 opt)), (also sheared off diamond core-bit)					
2570																												
2575																												
2580	100				15 0 5 0 20 60																		LIMESTONE: massive; lt grey; lt Rextln → coarse Rextln; skarned in part; v. minor mineralization; occasional stylolites.					
2585																												
2590																												

2570

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)
2595	100	Ember		55	60																	
2600					45																	
2605					50																	
2610	100			55	55																	
2615					50																	
2620					45																	
2625																						

DESCRIPTION

LIMESTONE: (CONT.) As Above.

poorly formed calc-silicate minerals (probably garnet).

marblized; snow white in color; numerous Stylolites & possible silty beds (± 1"-2" thick).

ASSAY DATA page: 75

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2630	100	EARP			55																		LIMESTONE: (CONT.) As Above.					
2635				55	50																							
2640					55																		Ls. becoming grey in color.					
2645	100				50																							
2650																												
2655	100			55	50																		SHALE: finely bedded; mod. hornfelsed; lt grey to dk green in color; calcareous in part (probably thin Ls. interbeds).					
2660	100			45	45																							
					60																							

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2665	100	EARP		3'			/																SHALE: (CONT.) As Above					
							/																LIMESTONE: As Above.					
							/																SILTSTONE: bedded, calcareous in part; hornfelsed, green in color;					
2670							/																LIMESTONE: massive, argillaceous in part, lt green in color; skarned near shaly interbeds. Lt Rextln.					
2675	100			15			/																SILTSTONE: finely bedded, lt grey → green in color, lt hornfelsed, v. thin pyrite along bedding & fractures, v. lt cakareous in part.					
2680				45			/																SHALE: Bedded, med – dk green in color, skarned Ls. interbeds; hornfelsed					
2685							//																LIMESTONE: massive, lt green – lt grey in color, mod. Rextlzd, skarned near above shale contact.					
2690				5'			/																SHALE: As Above					
2695																												

page: 77

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA (page: 78) Au	Ag	Cu	Pb	Zn
	100	EARP				40																		SHALE: (CONT.) As Above, except becoming Silicated (v. hard).					
						30																							
2700				40		30																							
2705																								LIMESTONE: As Above, except more skarning.					
	100			40		35																		SHALE: As Above, except decreasing epidote-chloritization.					
2710						30																		Shale becoming dk-grey in color, increasing amounts of pyrite.					
						35																							
2715						60																		LIMESTONE: Thoroughly skarned; Wollastonite, peroxene(?), lacking in free Carbonate; shaly in part; mottled.					
				55		60																		Shale: Lt green in color; hornfelsed; Strongly Silicated (v. hard); bedded; occasional limestone interbeds w/skarn minerals (as above ls.).					
2720						55																							
						40																							
2725	100																												
				55		35																							
2730						55																		LIMESTONE: As Above.					

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style, wms, mass)	MINERALIZATION: MANGANESE OXIDE (style, wms, mass)	MINERALIZATION: GALENA–SPHALERITE (style, wms, mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2735	100	EMRP		55	60		/																LIMESTONE (CONT.) AS ABOVE.					
2740					50		/																SHALE: Lt → med. green in color; hornfelsed; silicated (v. hard); occasional v. thin Ls. beds that are 3" in thickness or less (Not shown under lithology); also then occasional blebs of wollastonite (Ls. Skarn). Shale may have also be calcareous in part at one time.					
2745					55		/																					
2750	100				90		/																					
2755				55	60		/																Shale becoming Lt grey in color					
2760					50		/																					
2765				55	70		/																					

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2770	100	EARP		55	70																		SHALE: (CONT.). As Above					
					20																							
					20																		Silication decreasing (rock is softer).					
2775					55																							
					35																		LIMESTONE: Massive, Lt grey in color, skarned only near shale contact, diminishing into lthly recrtlzd LS v. sharply (≤ 8"). interbed shale towards the bottom of this unit.					
2780	100			45	35																							
					55																							
					50																							
2785					40																		SHALE: As Above, occasionally interbedded w/ LS. ≤ 5" or less. Ls. is skarned. V.V. Lt pyrite dissem. throughout << 1%					
					50																							
2790																												
					45																							
2795				50	30																							
					40																							
					60																							
2800																												

page: 80

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
2805	100	EPRP		55	45 50		/	/												/		
2810				60	40		/	/												/		
2815	100				45 55		/	/												/		
2820					75 5															/		
2825				50	60 10 15 60		/	/												/		
2830	100				70 65		/	/												/		
2835				50 55	10 75 50		/	/												/		

DESCRIPTION

SHALE: (CONT.) As Above.

LIMESTONE: As Above, except intermittant Skarning

SHALE: As Above.

LIMESTONE: As Above.

SHALE: As Above.

Pyrite << 1%

LIMESTONE: As Above, except very strong Skarning w/ Tremolite: actinolite, lessuvianite

SHALE: As Above, except w/ possible molybdenite(?) <<1% dissem.

LIMESTONE: As Above.

ASSAY DATA page: 21

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
		EARP				50																							
						45																							
2840																								[B. Sphalerite]					
						50																							
2845						60																							
						70																							
2850						70																							
						60																							
2855						90																							
						40																							
						30																							
2860						55																							
						70																							
2865						70																							
						45																							
2870																													

LIMESTONE: (CONT.) As Above, except increasing in shaly interbeds near lower Shale unit contact; irregular skarn associated w/ shaly interbeds. Small amounts of vessuvianite (lt green mineral), garnet; v. minor blackjack sphalerite.

SHALE: Shale → Ls. Shale interbeds; green in color mod. → strongly hornfelsed, some skarn minerals observed; Shale may have been calcareous in part before hornfelsing occurred; argillite along shears; v. thin pyrite along fractures.

pyrite << 1%

SEE NEXT PAGE.

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
2875	100	SHRP			60 25 45 45			/ / /														
2880					25 15 5		/	/ / /														
2885					5 10			/ /														
2890					55 90 85			/												/		
2895	100				75 50 50		/ /	/														
2900					5 5			/ /												5		
2905					5			/														

DESCRIPTION

LIMESTONE: As above.
Galena, sphalerite, pyrite & epidote (along possible skarn front).

SILTSTONE: Dark to buff in color, soft to v. hard, depending on silication amounts, v. uniform in texture, no apparent bedding.

SHALE: As Above, except bedding becomes irregular in places.

Pyrite blebs

ASSAY DATA page: 85

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
2910	100	EARP FM			40																	
					50																	
					70																	
2915																						
					70																	
2920					55																	
	100				60																	
2925																						
					70																	
2930					70																	
					55																	
2935					75																	
2940																						

DESCRIPTION

SHALE: (CONT.) AS ABOVE.

LIMESTONE: As Above, except lacking in skarn, recrtlzd throughout. No apparent bedding.

SHALE: As Above

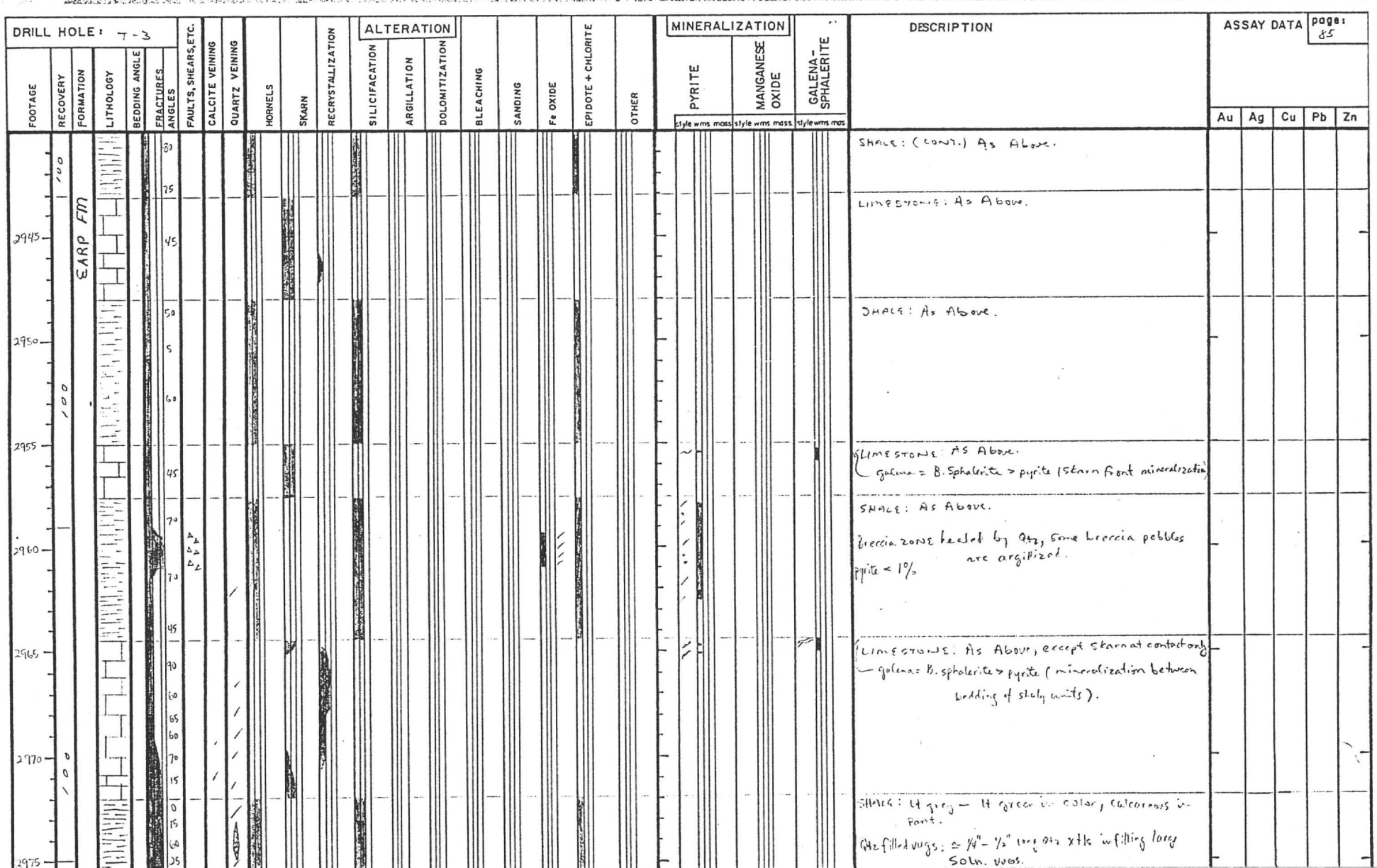
LIMESTONE: Similar To Above, except lobs of skarn at irregular intervals

SHALE: As Above.

ASSAY DATA page: 84

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3



DESCRIPTION

SHALE: (CONT.) As Above.

LIMESTONE: As Above.

SHALE: As Above.

LIMESTONE: As Above.
— galena = B. sphalerite > pyrite (stern front mineralization)

SHALE: As Above.

Breccia zone healed by Qtz, some breccia pebbles are argillized.

pyrite < 1%

LIMESTONE: As Above, except skarn at contact only
— galena = B. sphalerite > pyrite (mineralization between bedding of shaly units).

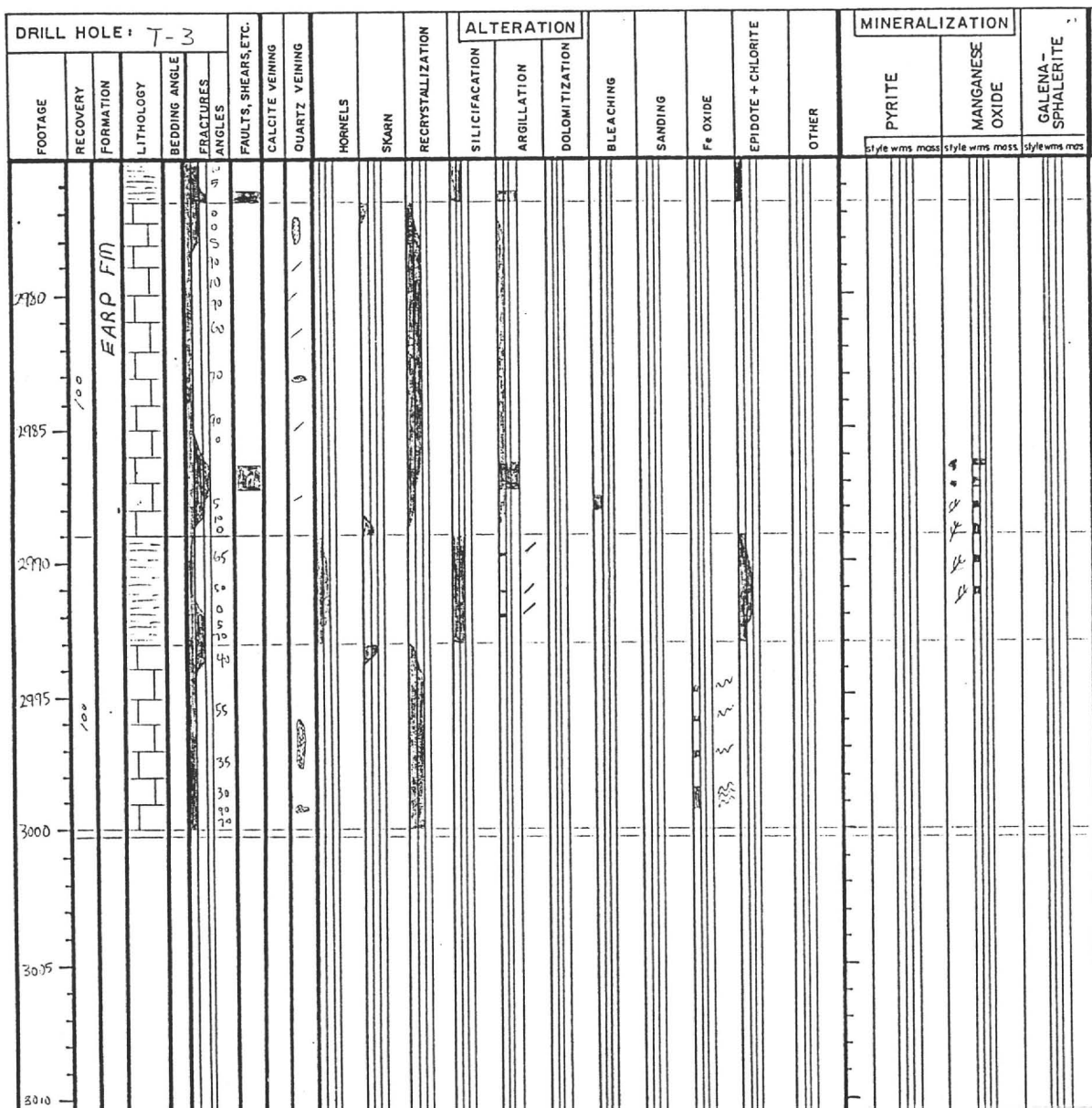
SHALE: Lt grey — lt green in color, calcareous in part.

Qtz filled vugs: ≤ ¼" - ½" long Qtz xtls infilling large soln. vugs.

ASSAY DATA page: 85

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3



DESCRIPTION

LIMESTONE: As Above, except v. mild Skarning at shale contact, Ls, partially argillized throughout this unit.

LIMESTONE: As Above, occasional stylolites. (very convoluted).

Qtz filled vug's (see above).

TOTAL DEPTH = 3000'

ASSAY DATA

page: 26

Au	Ag	Cu	Pb	Zn

29255	T-2	2968.3	2969.0	4	41	286	360	0.65	11	1	367	1.07	3	3	0.02	7	42	2	2	2	9	7.25	0.044	11	25	0.03	1	0.05	15	0.91	0.01
29256	T-2	2969.0	2970.3	1	1505	15670	931	39.50	7	4	3072	1.61	12	5	0.03	1	74	7	4	58	5	20.75	0.013	4	8	0.15	3	0.01	10	0.25	0.01

DRILL ELEMENT ------> SAMPLE	HOLE	FROM	TO	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na
				PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%
29257	T-2	2970.3	2971.0	4	13	178	85	ND	1	1	6529	0.43	5	5	0.02	1	39	1	2	2	4	25.54	0.007	7	6	0.04	5	0.01	10	0.16	0.01
29258	T-2	2999.5	3001.0	5	38	423	693	ND	6	2	933	0.97	6	5	0.01	6	65	5	2	2	11	12.52	0.032	12	19	0.03	5	0.06	5	0.99	0.02
29259	T-2	3001.0	3001.3	13	929	8504	16197	7.34	14	16	1511	1.23	7	5	0.01	4	53	84	3	2	11	12.29	0.051	7	19	0.49	1	0.06	5	0.73	0.01
29260	T-2	3001.5	3002.5	4	63	352	300	5.15	7	1	595	1.03	3	5	0.02	3	116	2	2	2	10	15.68	0.028	10	21	0.07	7	0.08	11	2.04	0.05
29470	T-3	140.0	141.0	3	20	171	342	ND	2	2	4217	0.97	9	5	ND	1	137	3	2	2	2	20.66	0.009	10	15	0.18	11	0.06	12	0.29	0.02
29471	T-3	141.0	142.0	4	21	60	160	ND	8	4	3456	1.60	22	5	ND	2	103	1	2	2	8	17.80	0.016	11	20	0.42	15	0.03	32	0.78	0.01
29472	T-3	142.0	143.0	4	38	87	282	ND	8	2	3876	1.37	9	5	ND	2	94	2	2	2	2	15.39	0.012	6	25	0.06	8	0.06	105	0.16	0.03
29473	T-3	143.0	144.0	2	18	95	275	ND	5	1	3489	0.78	6	5	ND	1	127	2	2	2	2	21.09	0.010	9	13	0.24	43	0.05	14	0.29	0.02
29474	T-3	144.0	145.0	3	23	66	222	ND	4	2	4751	0.99	24	5	ND	1	119	2	2	2	3	19.08	0.012	9	16	0.22	7	0.05	77	0.34	0.02
29475	T-3	145.0	146.0	4	21	14	78	ND	5	2	3640	1.95	32	5	ND	7	58	1	2	2	8	7.09	0.013	19	16	0.68	15	0.04	11	0.97	0.01
29476	T-3	146.0	147.0	5	16	11	53	ND	3	2	3738	1.64	35	5	ND	2	69	1	2	2	7	17.58	0.010	17	12	0.41	13	0.01	7	0.59	0.01
29477	T-3	147.0	148.0	4	32	50	208	ND	10	2	5330	1.92	23	5	ND	6	53	2	2	2	8	6.91	0.015	15	24	0.60	2	0.05	6	0.72	0.01
29478	T-3	148.0	149.0	4	29	2	30	ND	10	2	1882	1.94	27	5	ND	11	29	1	2	2	10	2.17	0.013	16	24	0.54	20	0.06	7	0.85	0.01
29479	T-3	174.0	175.0	2	27	82	401	5.66	6	2	1680	1.63	35	5	ND	6	126	2	2	2	15	14.43	0.039	10	12	0.46	60	0.07	7	1.17	0.04
29480	T-3	175.0	176.0	4	35	54	246	4.97	8	2	1569	2.19	12	5	ND	9	63	1	2	2	10	6.04	0.033	9	23	1.29	38	0.09	2	0.99	0.05
29481	T-3	176.0	177.0	3	50	55	339	4.97	4	1	4896	1.51	62	5	ND	1	103	4	13	2	9	21.13	0.027	13	13	1.26	36	0.04	34	0.30	0.02
29482	T-3	177.0	178.0	1	24	71	243	0.33	3	1	2920	0.86	32	5	0.24	1	112	3	3	2	7	20.69	0.023	14	8	1.79	24	0.04	25	0.42	0.01
29483	T-3	178.0	179.0	4	48	102	373	6.75	5	5	3020	2.25	136	5	0.10	3	52	3	14	2	16	12.10	0.029	11	10	0.41	19	0.01	7	0.38	0.01
29484	T-3	179.0	180.0	2	42	60	414	7.06	3	2	5463	1.56	99	5	0.03	1	111	4	27	2	13	28.58	0.021	17	8	0.33	27	0.02	3	0.28	0.01
29485	T-3	180.0	181.0	3	40	158	371	1.69	4	2	1920	1.98	130	5	0.03	7	60	3	15	2	25	14.50	0.057	22	12	0.14	28	0.01	25	0.36	0.01
29486	T-3	181.0	182.0	2	83	273	377	3.70	2	3	1916	2.07	126	5	0.10	1	62	5	31	2	22	19.64	0.022	12	11	0.08	11	0.01	14	0.19	0.01
29487	T-3	182.0	183.0	2	42	159	535	13.82	9	5	2015	3.45	237	5	0.23	9	62	3	22	2	60	10.26	0.093	22	15	0.54	37	0.06	25	0.84	0.01
29488	T-3	183.0	184.0	3	49	134	472	9.53	11	5	1893	2.71	176	5	0.07	10	49	3	14	2	44	7.96	0.093	21	19	0.44	31	0.03	21	0.67	0.01
32667	T-4	1219.0	1220.0	67	763	3978	3920	162.45	2	1	14441	1.34	142	5	0.14	1	253	87	240	2	16	17.45	0.004	12	13	1.65	50	0.01	4	0.19	0.01
32668	T-4	1220.0	1221.0	11	110	973	982	75.36	6	1	3837	0.60	38	5	0.01	1	82	16	31	2	13	10.59	0.006	4	15	0.99	34	0.01	8	0.29	0.01
32669	T-4	1221.0	1222.0	24	96	536	1215	5.82	12	2	3428	1.36	64	5	0.01	1	82	9	34	2	18	7.33	0.010	4	22	1.91	78	0.01	10	0.66	0.01
32670	T-4	1222.0	1223.0	16	74	618	1248	49.99	9	4	1933	2.11	100	5	0.07	2	47	6	81	3	27	2.50	0.019	3	26	2.62	22	0.01	5	0.81	0.01
32671	T-4	1321.0	1322.0	27	3298	17702	11441	5.45	3	1	9853	5.20	511	5	0.03	1	64	53	344	4	570	26.30	0.005	4	9	0.37	6	0.01	6	0.27	0.01
32672	T-4	1322.0	1323.0	4	246	1819	1284	16.90	1	1	12290	0.33	41	5	0.03	1	286	40	41	2	3	34.94	0.001	3	1	0.78	47	0.01	3	0.03	0.01
32673	T-4	1323.0	1324.0	3	50	813	432	7.30	1	1	6354	0.08	19	5	0.01	1	217	6	11	3	2	33.72	0.001	2	2	1.10	18	0.01	2	0.03	0.01
32674	T-4	1324.0	1325.0	2	176	1964	2330	9.36	1	1	9840	0.15	54	5	0.02	1	152	51	58	2	2	35.42	0.001	2	2	1.02	5	0.01	2	0.06	0.01
32675	T-4	1325.0	1326.0	7	658	11080	12909	1107.2	1	1	41694	0.93	344	5	0.14	1	236	143	259	3	1	29.75	0.001	2	2	0.48	49	0.01	6	0.05	0.01
32676	T-4	1326.0	1327.0	2	16	133	420	6.51	1	1	1415	0.04	15	5	ND	1	162	3	8	2	1	37.04	0.001	2	1	0.64	3	0.01	2	0.02	0.01
32677	T-4	1468.5	1469.5	1951	112	19200	1130	13.23	1	1	7238	1.24	1481	5	0.07	1	176	34	136	2	24	34.45	0.006	4	5	0.26	1	0.01	2	0.08	0.01
32678	T-4	1469.5	1470.5	414	184	23866	1783	97.24	5	2	9143	1.55	254	6	0.07	1	165	56	161	2	19	29.49	0.008	5	12	0.21	2	0.01	4	0.15	0.01
32679	T-4	1470.5	1471.5	14	96	6578	1099	2.93	2	1	7757	0.78	42	5	0.03	1	189	21	20	2	11	32.76	0.005	4	6	0.25	6	0.01	3	0.16	0.01
32680	T-4	1636.0	1637.0	6	5	397	296	1.40	1	1	3626	0.13	10	5	ND	1	245	3	2	2	4	33.69	0.025	2	4	0.03	10	0.01	3	0.11	0.01
32681	T-4	1637.0	1638.0	6	6	904	549	1.34	1	1	6399	0.34	10	5	ND	1	302	2	2	3	5	31.67	0.017	5	3	0.54	18	0.01	5	0.18	0.01
32682	T-4	1638.0	1639.0	6	7	2280	899	5.98	2	1	11261	0.64	17	5	0.01	1	279	5	2	2	13	27.46	0.013	6	6	0.60	40	0.01	2	0.52	0.01
32683	T-4	1639.0	1640.0	5	4	175	115	5.35	1	1	1310	0.06	6	5	0.01	1	275	1	2	2	2	38.76	0.003	2	4	0.16	8	0.01	2	0.07	0.01
32684	T-4	1653.1	1654.1	16	49	313	302	1.65	3	1	3166	0.22	22	5	0.03	1	205	4	17	2	4	33.01	0.005	2	5	1.92	156	0.01	4	0.11	0.01
32685	T-4	1715.0	1716.0	2	4	25	60	1.56	1	1	285	0.16	4	5	0.07	1	207	1	2	2	4	34.49	0.001	2	4	2.37	12	0.01	6	0.13	0.01
32686	T-4	1739.5	1740.5	4	11	1426	654	2.47	1	1	11688	2.44	24	5	ND	1	432	10	17	2	6	36.16	0.004	3	5	0.23	184	0.01	2	0.15	0.01

14112 G.D.

SAMPLE	K %	W PPM	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM	F PPM
29257	0.01	1	6.90	2.5	0.8	0.2	0.2	0.3	240
29258	0.05	1	5.20	1.5	0.5	0.2	0.4	0.3	930
29259	0.04	4	5.00	5.0	3.2	0.5	6.4	3.6	1630
29260	0.05	1	4.80	1.3	0.3	0.2	0.2	0.4	1030
29470	0.03	1	8.10	2.5	0.2	0.2	0.2	0.3	710
29471	0.07	1	20.10	2.2	0.2	0.2	0.2	0.3	1030
29472	0.01	1	7.30	2.9	0.1	0.2	0.2	0.3	400
29473	0.01	1	6.40	2.2	0.1	0.2	0.2	0.3	310
29474	0.01	1	21.20	3.8	0.2	0.2	0.2	0.3	370
29475	0.21	1	31.20	2.5	0.2	0.2	0.2	0.4	820
29476	0.11	1	31.90	3.4	0.1	0.2	0.2	0.3	600
29477	0.13	1	20.20	1.8	0.2	0.2	0.2	0.4	720
29478	0.22	2	23.40	2.0	0.2	0.2	0.2	0.3	780
29479	0.19	1	33.50	5.0	0.2	0.2	0.2	0.4	1000
29480	0.25	1	11.90	2.5	0.2	0.2	0.2	0.3	790
29481	0.05	1	51.40	16.3	0.2	0.2	0.2	0.5	520
29482	0.06	1	28.40	9.1	0.1	0.2	0.2	0.3	670
29483	0.1	1	119.20	16.1	0.1	0.2	0.2	0.7	960
29484	0.03	1	88.80	27.6	0.1	0.2	0.2	0.8	580
29485	0.19	1	115.10	19.4	0.1	0.2	0.2	0.8	950
29486	0.1	1	112.30	31.8	0.1	0.2	0.2	1.3	510
29487	0.2	1	204.00	24.1	0.2	0.2	0.2	7.6	1160
29488	0.17	1	154.10	16.9	0.2	0.2	0.2	0.6	1020
32667	0.13	1	114.40	205.0	0.1	0.2	0.8	1.6	770
32668	0.06	1	36.60	51.2	0.1	0.2	0.3	2.1	1080
32669	0.35	1	60.00	27.6	0.1	0.2	0.3	2.6	3020
32670	0.42	1	99.00	66.4	0.1	0.2	1.0	1.9	6860
32671	0.05	65	408.40	321.8	1.1	0.7	0.9	4.4	660
32672	0.05	1	33.50	46.3	0.1	0.8	0.4	2.5	170
32673	0.03	2	23.60	11.8	0.1	0.2	0.4	1.2	100
32674	0.03	1	65.00	63.1	0.1	0.2	0.5	5.2	270
32675	0.06	1	388.20	241.9	0.5	0.2	1.1	2.4	170
32676	0.02	1	19.80	9.7	0.1	0.5	0.2	1.9	220
32677	0.04	264	1797.0	158.3	0.2	0.4	0.6	2.1	300
32678	0.06	108	254.90	167.6	0.2	0.2	5.5	2.8	690
32679	0.05	21	51.40	39.7	0.1	0.5	0.7	2.8	600
32680	0.03	3	6.00	3.4	0.1	0.4	0.2	0.3	550
32681	0.05	1	9.60	1.8	0.1	0.5	0.2	0.4	360
32682	0.17	1	16.90	4.5	0.1	0.2	0.7	0.9	630
32683	0.03	1	5.00	1.0	0.1	0.6	0.2	0.3	80
32684	0.03	22	25.80	18.1	0.1	0.4	0.4	0.6	320
32685	0.02	2	3.80	2.0	0.1	0.7	0.2	0.3	300
32686	0.04	94	29.50	20.9	0.1	0.7	0.2	0.6	230

T-2

T-3

T-4

14112 G.B.

SAMPLE	HOLE	DRILL ELEMENT ------> FROM	TO	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %
32687	T-4	1919.0	1920.0	1	35	770	1380	0.82	5	2	5822	0.93	36	5	0.21	1	1252	9	2	2	10	23.03	0.081	3	7	2.16	9	0.01	3	0.48	0.01
32688	T-4	1920.0	1921.0	3	60	3459	3509	ND	6	2	7900	1.64	35	5	0.17	1	388	23	12	2	16	13.20	0.082	4	12	2.06	10	0.01	15	0.28	0.01
32689	T-4	1921.0	1922.0	1	49	2878	1347	9.77	1	1	9958	1.37	73	5	0.27	1	710	9	10	2	4	27.48	0.081	4	3	1.02	5	0.01	2	0.20	0.01
33900	T-4	2345.0	2346.0	3	141	4723	14196	18.93	13	6	1738	2.24	51	5	0.08	4	95	187	9	2	16	11.68	0.023	7	32	1.89	4	0.10	3	0.77	0.01
33894	T-4	2346.0	2347.0	2	26	45	95	3.12	23	6	1340	1.72	70	5	0.01	1	147	1	2	2	29	18.29	0.025	18	27	3.19	22	0.02	9	2.61	0.01
33895	T-4	2347.0	2348.0	1	185	61	282	1.54	26	7	1200	1.69	109	5	ND	1	249	2	5	2	35	16.52	0.024	17	32	2.81	32	0.04	9	2.48	0.01
33896	T-4	2348.0	2349.0	2	168	5582	5369	18.07	18	6	1122	1.98	38	5	0.04	1	699	43	6	2	26	11.49	0.022	11	32	1.41	91	0.03	5	1.36	0.01
33897	T-4	2349.0	2350.0	2	69	13081	1933	27.77	23	5	1333	2.10	55	5	0.05	1	383	15	14	2	26	16.19	0.019	13	27	2.36	66	0.02	2	1.72	0.01
33898	T-4	2350.0	2351.0	2	192	7025	3173	32.67	11	3	1744	1.56	22	5	0.09	1	979	27	6	2	13	19.79	0.013	12	15	1.16	115	0.01	2	0.74	0.01
33899	T-4	2351.0	2352.0	3	49	190	225	20.09	18	6	2160	2.23	21	5	0.02	1	157	3	2	2	20	28.80	0.039	16	28	1.43	12	0.01	5	1.05	0.01
33901	T-4	2844.0	2845.0	97	92	1238	1211	3.70	9	1	718	0.42	17	5	0.02	1	77	78	2	2	9	33.19	0.015	5	19	0.68	16	0.01	15	0.55	0.01
33902	T-4	2845.0	2846.0	56	35	696	644	2.85	5	1	365	0.38	14	5	0.01	1	270	29	2	2	6	35.52	0.006	2	10	1.40	11	0.01	5	0.25	0.01
33903	T-4	2846.0	2847.0	28	108	1705	2347	2.67	14	2	1277	0.66	34	5	0.07	1	69	93	15	2	10	31.45	0.011	4	15	0.73	11	0.01	2	0.58	0.01
33904	T-4	2847.0	2848.0	12	163	2085	4024	10.90	29	4	1719	1.85	34	5	0.07	1	67	58	14	2	17	19.23	0.022	6	27	1.10	28	0.01	4	1.30	0.01
33905	T-4	2848.0	2849.0	109	52	1243	686	3.43	4	1	958	0.55	65	5	ND	1	102	48	6	2	8	37.33	0.004	4	8	0.58	1	0.01	2	0.22	0.01
33906	T-4	2849.0	2850.0	58	73	1299	838	4.29	2	2	2297	0.35	33	5	ND	1	131	30	4	3	5	37.28	0.006	7	8	0.44	4	0.01	2	0.24	0.01
33907	T-4	2850.0	2851.0	75	220	4143	3364	3.08	20	4	1504	0.69	84	5	0.02	1	75	174	6	2	20	27.09	0.022	6	23	0.98	8	0.01	3	0.78	0.01
33908	T-4	2851.0	2852.0	91	210	2393	3848	ND	22	3	796	1.48	76	5	0.02	1	52	427	7	2	52	35.93	0.041	10	27	0.99	11	0.01	4	0.88	0.01
33909	T-4	2929.0	2930.0	2	418	10139	8073	68.02	7	2	1069	0.37	10	5	0.16	1	402	52	9	2	5	33.38	0.012	6	5	0.26	27	0.02	7	0.29	0.01
33910	T-4	2930.0	2931.0	9	1705	7494	8730	26.54	8	3	3444	1.28	16	6	0.06	1	71	55	5	2	14	28.58	0.055	6	14	0.48	4	0.05	6	0.52	0.01
33911	T-4	2931.0	2932.0	5	3127	14809	6202	78.59	12	8	761	1.48	8	5	0.14	2	71	42	14	12	12	7.93	0.055	7	21	0.14	3	0.05	42	0.10	0.01
33912	T-4	2932.0	2933.0	4	755	5239	8834	17.04	23	13	892	2.34	10	5	0.05	4	94	51	13	2	19	9.94	0.081	9	33	0.10	4	0.09	28	0.59	0.01
32626	T-5	984.0	985.0	3	39	199	332	2.98	18	2	2998	1.00	5	5	0.01	3	49	3	7	2	6	6.68	0.064	9	24	0.98	14	0.04	13	1.45	0.01
32627	T-5	985.0	986.0	1	34	184	468	5.38	12	1	7888	0.64	16	5	0.03	5	73	4	2	2	14	13.89	0.071	9	17	0.88	4	0.05	2	0.15	0.01
32628	T-5	986.0	987.0	3	32	33	40	154.80	7	1	6926	0.84	10	5	0.93	5	31	1	5	2	11	6.04	0.064	9	25	1.04	19	0.05	3	0.12	0.01
32629	T-5	987.0	988.0	5	49	131	504	410.27	13	1	5928	0.92	11	5	2.78	3	48	4	2	2	14	8.78	0.066	9	31	1.23	27	0.07	14	0.17	0.01
32630	T-5	988.0	989.0	3	259	492	1276	627.33	12	1	7011	0.88	12	5	4.02	3	53	11	5	4	15	10.21	0.064	12	30	1.74	35	0.07	17	0.23	0.01
32631	T-5	989.0	990.0	2	475	46	551	38.26	22	1	9867	1.15	33	5	0.75	3	79	4	178	2	28	12.31	0.062	14	42	2.35	63	0.01	6	0.57	0.01
32632	T-5	990.0	991.0	4	66	126	270	0.75	16	1	6111	1.28	7	5	0.01	4	50	2	2	2	10	8.37	0.068	13	36	1.22	38	0.05	10	0.67	0.01
32633	T-5	991.0	992.0	3	43	351	527	2.16	12	1	3967	1.26	6	5	0.24	3	48	12	7	5	4	8.29	0.104	11	27	0.28	3	0.05	4	0.36	0.01
32634	T-5	992.0	993.0	2	28	486	275	2.43	12	1	5093	0.85	30	5	ND	1	81	2	14	3	7	15.08	0.151	19	27	1.42	18	0.07	127	0.78	0.01
32635	T-5	993.0	994.0	2	17	3918	3359	12.14	8	1	6262	0.56	42	5	0.02	1	181	26	31	2	6	22.50	0.049	16	19	1.31	5	0.05	98	0.73	0.01
32636	T-5	994.0	995.0	1	18	209	196	4.60	3	1	2670	0.21	11	5	0.01	1	335	2	4	2	1	26.75	0.029	9	7	0.26	14	0.02	27	0.18	0.01
32637	T-5	995.0	996.0	2	111	276	334	6.58	9	1	8304	0.72	29	5	0.01	2	91	3	54	2	6	15.17	0.042	14	17	1.22	11	0.05	46	0.51	0.01
32638	T-5	996.0	997.0	1	15	182	131	4.80	1	1	1683	0.38	15	5	0.01	1	147	1	13	2	2	19.25	0.038	9	9	0.28	1	0.03	40	0.29	0.01
32639	T-5	997.0	998.0	2	31	2869	1766	5.11	7	1	2275	0.78	52	5	0.01	1	101	13	33	3	7	17.72	0.032	17	18	0.75	1	0.07	162	0.98	0.01
32640	T-5	1080.0	1081.0	5	45	2538	3652	5.93	5	1	3137	0.64	19	14	0.07	1	98	27	18	2	18	18.11	0.031	15	18	0.84	10	0.07	119	0.56	0.01
32641	T-5	1083.7	1085.7	4	38	184	154	9.46	12	1	1374	1.08	6	5	0.01	4	31	1	2	2	5	8.68	0.042	8	25	0.52	21	0.07	7	0.16	0.01
32642	T-5	1084.7	1085.7	2	38	2671	4539	8.91	12	2	4174	0.90	19	5	0.02	4	61	48	5	4	15	12.72	0.037	9	28	1.45	19	0.09	14	0.36	0.01
32643	T-5	1085.7	1086.7	2	27	415	587	2.37	15	3	4433	0.99	29	5	ND	4	62	5	2	2	13	12.72	0.044	9	38	1.46	17	0.10	13	0.27	0.01
32644	T-5	1814.8	1815.8	3	77	3070	2410	11.73	9	2	8226	0.69	13	5	0.02	3	151	21	6	2	6	10.24	0.045	9	19	1.31	30	0.07	8	0.28	0.01
32645	T-5	1815.8	1816.8	2	54	2519	3612	8.64	10	2	11535	0.80	14	5	0.01	4	495	31	5	2	11	7.75	0.051	9	21	1.75	25	0.09	6	0.30	0.01
32646	T-5	1816.8	1817.0	2	17	438	749	2.09	18	3	9492	0.66	19	5	0.02	1	470	4	9	2	14	19.77	0.046	13	28	0.54	45	0.03	2	0.30	0.01
32647	T-5	1817.0	1817.5	5	27	369	458	4.32	19	2	7527	1.31	28	5	0.01	2	286	3	3	3	17	14.10	0.047	13	38	1.36	28	0.04	3	0.55	0.01
32648	T-5	1332.0	1333.0	1	37	175	649	2.09	1	5	7946	12.06	23	5	0.01	1	152	8	2	3	1	17.97	0.006	6	7	0.43	1	0.01	2	0.07	0.01
32649	T-5	2241.0	2242.0	2	156	1269	3206	10.97	6	2	2626	1.09	19	5	0.07	1	138	21	25	2	5	18.88	0.079	3	16	0.14	3	0.02	4	0.27	0.01

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SAMPLE	K %	W PPM	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM	F PPM
32687	0.18	1	41.00	5.7	0.2	0.2	2.7	2.6	2210
32688	0.13	1	39.50	12.1	0.2	0.2	3.4	3.7	2030
32689	0.07	1	87.60	10.4	0.1	0.2	3.7	2.9	1530
33890	0.05	1	48.20	11.2	2.6	0.2	10.7	5.8	1920
33894	0.56	1	79.90	3.2	0.2	0.2	0.4	1.4	3040
33895	0.67	1	119.00	4.8	0.3	0.2	0.4	0.5	3180
33896	0.39	1	38.10	6.4	0.3	0.2	3.2	8.0	1500
33897	0.36	1	48.50	14.8	0.6	0.2	3.7	4.8	1700
33898	0.13	1	16.50	8.4	0.2	0.2	2.1	6.9	940
33899	0.27	1	22.40	1.4	0.1	0.2	0.9	11.0	1600
33901	0.08	17	18.00	1.0	0.2	0.2	0.2	2.8	26700
33902	0.04	16	12.70	0.3	0.1	0.7	0.2	1.8	10600
33903	0.11	29	36.20	10.7	0.3	0.3	0.2	7.7	3130
33904	0.37	51	35.50	13.5	0.1	0.2	0.2	9.3	5930
33905	0.02	25	71.40	5.0	0.3	0.6	0.2	1.5	640
33906	0.03	14	34.70	2.1	0.1	0.7	0.2	0.8	860
33907	0.14	15	83.10	4.5	0.6	0.2	1.1	4.4	1460
33908	0.08	61	65.30	4.3	0.6	0.7	0.2	7.7	26000
33909	0.06	1	6.00	7.6	0.9	0.6	13.7	2.9	1380
33910	0.09	1	12.10	4.4	1.0	0.3	13.6	1.3	2200
33911	0.07	1	5.30	11.0	2.3	0.2	10.0	0.9	1010
33912	0.1	1	7.30	14.0	6.7	0.2	15.6	4.8	3040
32626	0.02	1	5.00	7.2	0.1	0.2	0.2	1.0	1300
32627	0.04	1	16.80	4.0	0.1	0.2	0.2	5.4	950
32628	0.04	2	8.40	5.5	0.1	1.1	0.2	1.1	820
32629	0.05	4	11.70	3.2	0.1	0.7	0.2	1.4	1200
32630	0.1	72	11.50	4.9	0.1	0.9	0.2	2.1	1340
32631	0.06	1	29.10	188.3	0.1	0.9	0.2	5.2	1210
32632	0.18	1	6.80	5.0	0.1	0.7	0.2	1.4	820
32633	0.05	1	6.50	7.1	0.1	0.5	1.1	1.0	1480
32634	0.08	1	36.50	11.5	0.3	0.8	0.2	0.8	5200
32635	0.03	1	42.30	19.4	0.3	1.0	1.5	5.2	9380
32636	0.05	1	10.10	7.7	0.1	0.9	0.2	5.3	1000
32637	0.12	5	24.40	52.1	0.3	0.7	0.2	1.8	2340
32638	0.02	1	17.10	17.0	0.1	0.7	0.2	0.3	1600
32639	0.09	1	53.40	31.6	0.6	0.8	0.9	2.0	4240
32640	0.13	1	19.00	12.5	0.3	0.5	0.9	4.4	2960
32641	0.14	1	5.70	4.0	0.1	0.3	0.2	0.3	620
32642	0.15	1	16.60	5.1	0.3	0.5	1.9	7.1	2090
32643	0.13	1	28.30	3.2	0.1	0.4	0.3	2.0	1830
32644	0.11	1	9.70	6.3	0.2	0.4	2.3	5.4	700
32645	0.11	1	14.30	6.8	0.1	0.5	2.9	6.0	1000
32646	0.08	1	18.40	10.0	0.1	0.7	3.4	0.9	770
32647	0.09	2	26.50	3.6	0.1	0.7	2.9	2.7	1630
32648	0.06	146	19.50	2.2	0.1	0.7	0.2	4.5	1050
32649	0.06	3	14.30	25.1	0.1	0.6	2.3	7.8	1340

14112 G.B.

DESCRIPTIVE STATS

SAMPLE	HOLE	FROM	TO	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %
ALL SAMPLES																															
COUNT		217	218	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226
AVERAGE				15.4	430.4	2435.8	2738.8	31.955	9.3	3.9	3948.9	1.542	41.0	5.1	0.898	2.2	292.6	24.8	15.1	3.2	12.6	19.313	0.0252	9.2	16.2	1.1	35.5	0.029	17.4	0.618	0.012
ST.DEV.				132.6	1951.2	5420.6	7164.4	164.86	9.1	6.8	5812.4	2.424	187.6	0.6	0.433	2.8	632.3	68.9	42.2	11.8	38.2	10.711	0.0261	7.7	13.5	1.4	138.2	0.028	53.7	0.786	0.011
MIN.		140.3	141.0	1	1	2	14	0	1	1	113	0.04	2	5	0	1	12	1	2	2	1	0.46	0.001	2	1	0.01	1	0.01	2	0.02	0.01
MAX.		3001.5	3002.5	1951	21646	33488	54880	2043	58	66	41694	17.5	1481	14	4.82	11	6286	535	344	158	578	39.86	0.181	72	151	11.89	1886	0.17	668	4.45	0.12
DRILL HOLE T-1																															
COUNT		46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
AVERAGE				2.6	78.7	1432.8	2642.9	56.783	10.8	5.5	3344.8	2.557	38.0	5.8	0.875	2.2	693.3	24.2	11.6	2.2	10.3	20.083	0.013	12.4	13.4	1.9	47.4	0.028	6.1	0.531	0.010
ST.DEV.				2.8	146.6	3761.4	8331.7	297.84	9.8	9.7	2929.5	4.461	56.8	8.8	0.156	2.2	1225.9	80.7	27.3	8.6	7.5	11.339	0.011	13.3	8.9	1.7	61.2	0.018	4.5	0.483	
MIN.		1307.5	1388	1	1	2	14	0	1	1	137	0.17	2	5	0	1	12	1	2	2	1	1.14	0.001	2	2	0.04	1	0.01	2	0.07	0.01
MAX.		2651	2652	17	826	22659	54880	2043	42	52	18254	17.5	298	5	0.86	9	6286	535	169	5	28	39.86	0.038	72	36	6.25	348	0.1	21	1.89	0.01
DRILL HOLE T-2																															
COUNT		41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
AVERAGE				4.6	1717.8	5547.8	6088.7	22.128	11.7	6.3	1299.9	1.296	15.1	5.8	0.042	2.8	325.5	37.4	10.2	7.4	11.5	16.458	0.018	8.8	17.4	1.6	83.6	0.039	10.7	1.186	0.017
ST.DEV.				13.5	4258.8	9338.7	12727	72.426	11.5	10.3	1362.5	1.202	24.8	0.8	0.168	2.1	421.2	78.6	23.5	25.3	8.3	11.068	0.014	6.1	12.8	2.8	288.4	0.038	11.8	1.115	0.028
MIN.		1564	1565	1	4	3	26	0	1	1	113	0.1	2	5	0	1	39	1	2	2	2	1.85	0.001	2	2	0.03	1	0.01	2	0.07	0.01
MAX.		3001.5	3002.5	88	21646	33488	49379	462.72	47	66	6529	6.63	152	5	1.09	7	1995	326	138	158	33	38.02	0.055	27	52	11.09	1886	0.17	68	4.45	0.12
DRILL HOLE T-3																															
COUNT		19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
AVERAGE				3.1	34.7	89.7	288.7	3.138	5.8	2.5	3241.1	1.761	64.8	5.8	0.045	4.3	84.9	2.4	8.6	2.8	14.3	14.988	0.029	14.3	16.8	0.5	23.8	0.042	22.8	0.558	0.017
ST.DEV.				1.8	15.5	64.2	137.2	3.985	2.8	1.3	1261.5	0.637	64.6	0.8	0.074	3.5	31.3	1.1	9.4	0.8	14.5	6.618	0.025	4.7	5.2	0.4	14.3	0.022	25.6	0.321	0.011
MIN.		140	141	1	18	2	38	0	2	1	1569	0.78	6	5	0	1	29	1	2	2	2	2.17	0.009	6	8	0.06	2	0.01	2	0.16	0.01
MAX.		183	184	5	83	273	535	13.82	11	5	5463	3.45	237	5	0.24	11	137	5	31	2	68	28.58	0.093	22	25	1.79	68	0.09	105	1.17	0.05
DRILL HOLE T-4																															
COUNT		42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
AVERAGE				74.9	333.4	4365.5	2916.6	45.844	8.4	2.7	5220.8	1.181	95.9	5.8	0.055	1.2	252.8	45.9	38.9	2.4	26.6	25.584	0.015	6.8	13.4	1.1	29.8	0.018	6.1	0.525	0.010
ST.DEV.				380.5	713.7	5651.4	3552.4	168.77	8.3	2.5	6936.1	0.941	224.6	0.2	0.062	0.7	245.6	71.8	75.7	1.6	65.5	18.137	0.017	4.2	10.2	0.8	48.4	0.028	7.3	0.599	
MIN.		1219	1220	1	4	25	68	0	1	1	285	0.04	4	5	0	1	47	1	2	2	1	2.5	0.001	2	1	0.1	1	0.01	2	0.02	0.01
MAX.		2932	2933	1951	3298	23866	14196	1107.2	29	13	41694	5.2	1481	6	0.27	4	1252	427	344	12	578	38.76	0.081	18	33	3.19	184	0.1	42	2.61	0.01
DRILL HOLE T-5																															
COUNT		69	68	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
AVERAGE				2.4	147.8	975.2	1581.1	23.992	8.8	2.2	5889.6	1.826	17.6	5.2	0.141	1.8	117.2	10.8	9.5	2.5	6.9	28.888	0.043	8.3	19.4	0.7	8.4	0.035	36.1	0.420	0.011
ST.DEV.				1.8	363.5	1583.1	2697.5	91.916	8.1	2.6	7966.3	1.718	17.8	1.1	0.591	1.3	84.5	15.3	23.3	1.4	6.3	8.214	0.034	3.6	18.7	0.7	12.8	0.029	92.6	0.518	0.018
MIN.		984	985	1	5	15	26	0	1	1	197	0.08	3	5	0	1	21	1	2	2	1	3.48	0.004	2	2	0.01	1	0.01	2	0.03	0.01
MAX.		2564	2565	18	2354	9487	17423	627.33	58	17	37615	12.06	88	14	4.82	7	495	188	178	12	41	39.21	0.181	19	151	2.65	63	0.17	668	3.93	0.09

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K %	W PPM	As PPM	Sb PPM	Bi PPM	Ge PPM	Se PPM	Te PPM	F PPM
226	226	226	226	226	226	226	226	226
0.126	8.9	40.49	15.48	1.38	0.53	4.33	2.30	1657.6
0.179	31.2	128.79	38.60	10.87	0.33	16.98	3.09	2774.9
0.01	1	0.7	0.3	0.1	0.2	0.2	0.3	80
1.16	280	1797	321.8	151.9	1.8	202.7	24.6	26700
46	46	46	46	46	46	46	46	46
0.141	6.1	35.11	11.45	0.55	0.36	7.51	3.26	1041.3
0.236	19.7	53.59	23.43	1.24	0.23	16.03	3.80	1827.9
0.01	1	0.7	0.3	0.1	0.2	0.2	0.3	130
1.16	100	388.9	134.9	6.8	1	78	16.8	9450
41	41	41	41	41	41	41	41	41
0.172	3.7	12.91	10.19	5.76	0.78	11.73	1.95	1508.3
0.216	10.3	19.91	24.46	24.97	0.39	34.33	3.96	977.3
0.01	1	2.5	0.4	0.1	0.2	0.2	0.3	200
0.85	67	121.8	136.6	151.9	1.8	202.7	24.6	4310
19	19	19	19	19	19	19	19	19
0.113	1.1	57.29	10.11	0.16	0.20	0.20	0.85	731.6
0.079	0.2	56.02	9.67	0.05	0.00	0.00	1.61	240.4
0.01	1	6.4	1.8	0.1	0.2	0.2	0.3	310
0.25	2	204	31.8	0.2	0.2	0.2	7.6	1160
42	42	42	42	42	42	42	42	42
0.136	19.9	104.02	38.55	0.51	0.35	2.41	3.07	2856.7
0.154	45.7	278.12	71.20	1.10	0.20	4.04	2.64	5621.6
0.02	1	3.8	0.3	0.1	0.2	0.2	0.3	80
0.67	264	1797	321.8	6.7	0.8	15.6	11	26700
69	69	69	69	69	69	69	69	69
0.071	10.2	16.37	10.56	0.34	0.75	0.62	2.05	1300.1
0.101	38.4	15.82	25.27	0.87	0.20	0.81	2.29	1310.2
0.01	1	3.2	0.4	0.1	0.2	0.2	0.3	130
0.8	280	72.5	188.3	6.6	1.2	3.5	9.5	9380

14112 G.B.

Santa Fe Pacific Mining, Inc.

TOMBSTONE PROJECT

Tombstone Mining District, Cochise County, Arizona

Drill Hole Number T-4, Total Depth 3000, Location _____N, _____E, Bearing VERT., Inclination VERT.,
Core Size(s) NC, HX, Elevation _____, Date Started 10 Nov 88, Date Completed 20 Dec 88, Logged by KEE,
Total Pages 86.

1. Footage: depth below collar.
2. Recovery: horizontal lines indicate top and bottom of run, number indicates percentage of core recovered.
3. Formation: name of formation in drilled interval.
4. Lithology: standard symbology is used and is explained in the description column; symbols may be combined.
5. Bedding Angle: angle of bedding to the axis of the core.
6. Fractures: column shading indicates relative intensity of fracturing; 1st column: weak, 2nd column: moderate, 3rd column: strong.
7. Angles: angle of fractures to the axis of the core.
8. Faults, Shearing, Etc.: symbols are used as follows; ▬: fault, ⚌: shear, ▲▲▲: brecciation; symbols may be combined.
9. Calcite/Quartz Veining: symbols indicate presence of veins/veinlets: // X ; width of line indicates relative thickness; density of pattern in column or cross hatchuring indicates relative abundance of veins/veinlets in interval.
10. Alteration: column shading indicates relative intensity of alteration; 1st column: weak; 2nd column: moderate; 3rd column: strong. Wide column to right uses symbology to indicate style of alteration: // X vein/veinlet-controlled; ▒ disseminated; • • : spots, blebs; ⸙: dendritic; ≈≈: stylolitic. Lack of symbol in column indicates pervasive/massive alteration. Non-standard symbols are explained in description column.
11. Mineralization: column shading indicates intensity of mineralization; 1st column: weak (<2%), 2nd column: moderate (2-10%), 3rd column: strong (10-50%), mass column: massive (>50%). Style column uses the same symbology as for alteration, above. Major column headings (pyrite, Mn oxide, gl-sl) show general mineralization type; the complete mineralogical description appears in the description column.
12. Description: column contains information not detailed in preceding columns.
13. Assay: horizontal lines indicate interval assayed.

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
5	100	BISBEE		25	15 5 20 15 10 30 25		/	//														
10	100				15 15 50 35		/	/														
15	100				45 15 10 10 15		/	/														
20	100			15	25 25 35 5 30 15 15 30		/	/														
25	100				85 30		/	/														
30																						
35																						

DESCRIPTION

DATE STARTED: 11/13/88

SILTSTONE: massive to finely bedded SILTSTONE w/interbedded arkose, grading from v. fine arkose to med grained Arkosic Ss.; all are calcareous to some degree. (obvious changes are shown under lithology - though non were broken out & described; all are gradational)

NOTE: exposed rock (BISBEE Fm) @ the surface, No rubble.

ASSAY DATA page: 1

Au	Ag	Cu	Pb	Zn

DRILL HOLE: 7-4

PAGE: 2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DAT	Au	Ag	Cu	Pb	Zn
40	100	BISBEE		30	15		/																SILTSTONE: As above, except more consistant; v.fine Ss → v.fine Siltstone, Lt grey to grey green in color.						
					45		/																						
45	100			30	45		/																Sandstone: very little arkosic matterial >70% Qtz fragments; Lt grey → grey green in color, some minor Epidote alteration. Calcareous						
					30		/																SILTSTONE: As Above, occasionally arkosic; Calcareous in part.						
50	100			15	10		/																						
					10																		Fault gouge: H FeOx staining; Fault appears to be @ 10° to core axis (high angle fault).						
				25	5																								
55					15																								
					45		/																						
60	100				60																								
				25	40		/																						
65					30																								
					30																								
					15		/																						

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
75	100	BRECCIE		25	45		/															
					70		/															
					50																	
					70		/															
80	100				45		/															
85				20	35		/															
					50		/															
					90		/															
90					70		/															
				20	70		/															
95																						
					70		/															
100					30		/															
105					45		/															

DESCRIPTION

SILTSTONE: As Above.
Hornfels, when present, is v. weak.

conglomerate interbed (gradational), fragments are angular to subangular ≃ 1/4" max. size, Qtz.

LIMESTONE: massive, lt grey → lt green in color; SILTY IN PART, possibly dolomitic in part (Reacts only mod. to HCl acid). V. hard (Silicated?) Ls appears to have been micritic before recrtln & silication (?). no apparent bedding.

ASSAY DATA page: 4

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
110	100	BISBEE FM			15		/																LIMESTONE: (CONT.) As Above, except Silty content changing to Ss size fragment (pred. Qtz).					
					80		/																					
115	100				75		/																LIMESTONE: massive, Lt grey → Lt green in color; Sandy; mostly Qtz fragments, no apparent bedding very little fracturing. No mineralization					
					60		/																					
120					0																							
					5		/																					
125					0		/																					
					0																							
130					10		/																LIMESTONE: Lt grey in color; SILTY; v-hard; Sandy component may have primary Qtz over growths w/ final pore cementation by calcite.					
					20		/																					
					15		/																					
135					15		/																LIMESTONE: massive, Lt grey → Lt green in color, Ss to possibly a Calcareous Ss.					
					70		/																					
					50		/																Conglomerate:					
140																												

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
145	100	BISBEE			55		/															
150	100				60		/															
155	100						/															
160	100				65		/															
165	100				45		/															
170	100			15	45		/															
175	100				60		/															
					90		/															

DESCRIPTION

conglomerate: (CONT.) As Above

SANDSTONE: massive; grey brown in color; pred. Qtz cemented by possibly Qtz overgrowths & final calcite cement.

siderite fracture fillings (see "other").

Sandy SILTSTONE: lt grey green to dk green in places, sand constituent is mostly Qtz. v. silty calcareous. does not appear to have been hornfelsed.

ASSAY DATA page: 5

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
180	100	BISBEE FM		5	5		/																SHNDY SILTSTONE: AS ABOVE					
					10																		Sandstone: massive, lt grey green in color; cut by high angle structures. minor MnOx dendrites mildly reactive to HCl acid.					
					30																							
					45																							
				0	60			//																				
					10																							
185					0																							
					10		/																					
					5																							
					0																							
190	100				0																							
					5		/																					
					10																							
				0	15																							
					45																							
					0																							
195					70		/	//																				
					60																							
					0		/																					
200	100				5																							
				0	15																							
					0																							
					5		/	//																				
205					70																							
				5	30		/																					
					0																							
210																												

VL

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
215	100	BISBEE FM		5																			SANDSTONE: (CONT.) As Above					
220	100			10																			CONGLOMERATE: As Above					
225																							CONGLOMERITIC SANDSTONE: As Above (combining Sft.St. & Cong.). Calcareous in part.					
230	100			15																								
235																												
240	100			15																			SANDY SILTSTONE: As Above					
				20																								

ASSAY DATA page: 7

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
250	100	BISBEE FM		0	35		/	/														
				15	15		/	//														
					0		/	/														
				0			/	//														
					20		/	/														
255							/	/														
				0	70		/	/														
260	100			5	15		/	/														
					0		/	/														
				5	5		/	/														
265				5	15		/	/					/								%	
					35		/	/					/								%	
270	100			0			/	/														
					60		/	/					/								%	
							/	/														
275				0			/	/					/								%	
					50		/	/														

DESCRIPTION

SANDY SILTSTONE: (CONT.) As Above

SANDSTONE: As Above, occasionally becoming v. fine grained, bedded; (v. v. minor epidote altn) MnOx assoc. w/ argillation occurring in fractures (minor).

[NOTE: DUE TO THE EXTREME bedding angle, a pag of log may only represent a foot or so of Stratigraphic Section. (when bedding is near zero)]

ASSAY DATA page: 8

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES	ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	BISBEE FM		0		5																		SANDSTONE: As Above, except an occasion v. thin Shale seam or interbed; Epidote Alt. dissappears.					
						55		/						/															
285				5																									
						90		/						/															
290	100																												
				0																									
						45		/						/															
295	100			0																									
						90		/						/															
300	100			5																									
305						90		/						/															
				0		45		/						/															
310	100																												
						40		/						/															
						80		/						/															

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
320	100	BISBEE FM		0	70		/						/									
					40		/						/									
				0									✓									
325					90		/						/									
				0																		
330	100			5	5		/						/									
				5																		
335				0	5		/						/									
				0																		
340	100			0																		
345				0	0		/						/									
				0	5		/						/									
					30								/									
350					5		/						/									
					0		/						/									

DESCRIPTION

SANDSTONE: (CONT.) As Above.

← ¼" Qtz vein

CONGLOMERATE: MOST ANGULAR Ss. Fragments; Sandy matrix; Large Clast size = 1½"

SANDSTONE: As Above.

Sandy-SILTSTONE: Brown → grey green in color; finely bedded, fractures following bedding; argillation along fractures, no mineralization.

ASSAY DATA page: 10

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
355	100	BISBEE FM		0	60		/						/								*	
				5	15		/						/								*	
360	100			0	20		/						/								*	
				0	50		/						/									
				0	75		/															
365	100			5	90		/						/								*	
				5	45		/						/								*	
370					65																	
375	100				70		/						/								*	
380					60		/						/								*	
					50																	

DESCRIPTION

SANDY - SILTSTONE: (CONT) AS Above.

gradational contact

SANDSTONE: massive, lt grey → med grey green in color; coarse near upper contact, mod - fine grained, pred. Qtz Sand. v. hard. occasionally SILTY. where silty v. mildly hornfelsed; Siderite at 363' (see under "other").

ASSAY DATA

page: 11

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA–SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
390	100	BISBEE FM		0	45 90 0 5		/						/										SANDSTONE: (CONT.) As Above. No mineralization of any kind. ↓					
395	100			0 5	0		/						/															
400				5	5 5 90		// /																conglomerate interbed.					
405	100			5	55		/						/															
410					70 75		/						/															
415	100			0	15 0 5		/ /						/															

page: 12

DRILL HOLE: T-4

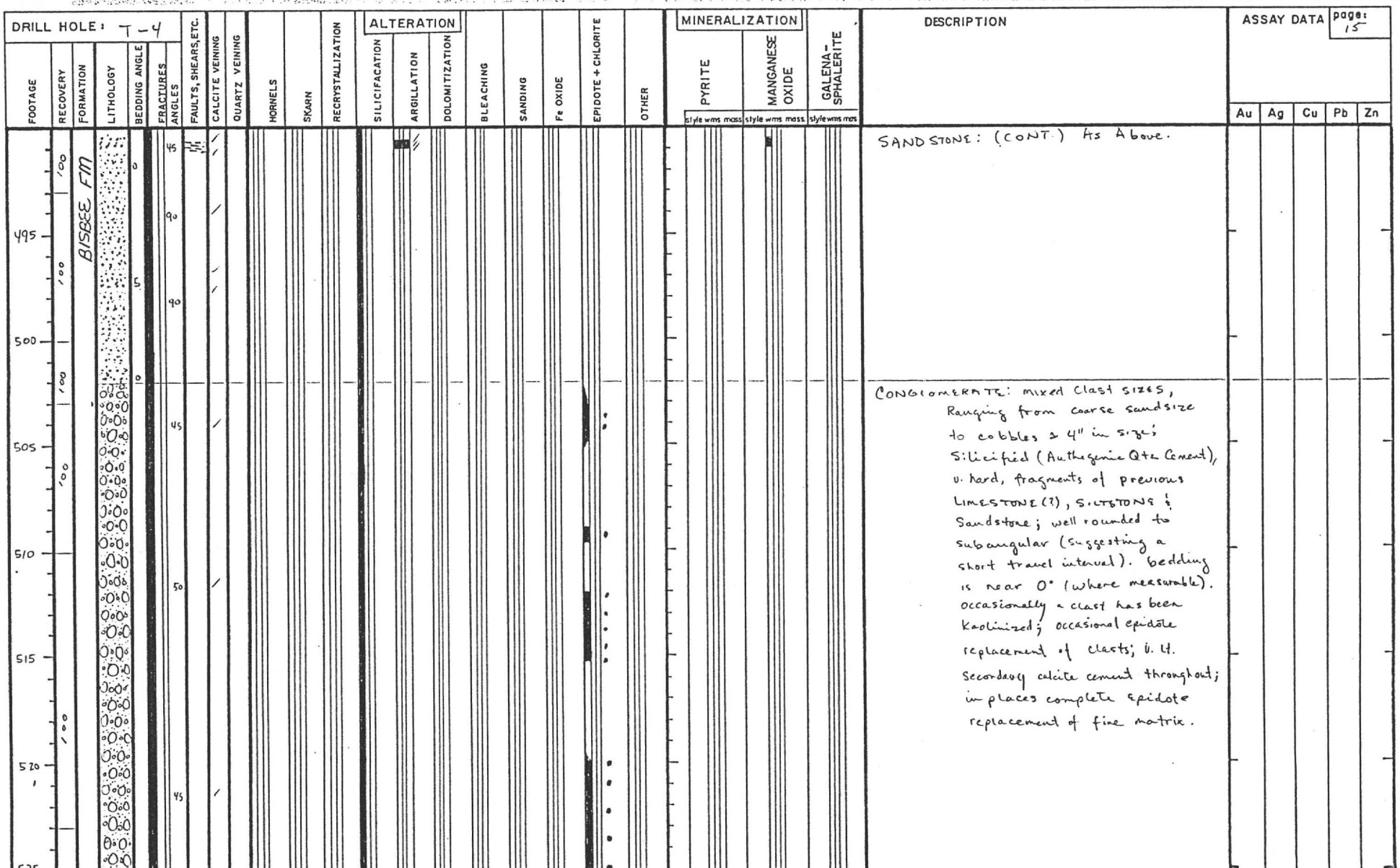
FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
425	100	BISBEE FM																					SANDSTONE: (CONT.) As ABOVE.					
430	100																											
435	100																						SANDY-SILTSTONE: Finely bedded, lt grey to dk grey in color; bedding near 0 degrees to core axis; occasionally sandy in part. V. lthy hornfelsed					
440	100																											
445																												
450	100																											

page: 13

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
460	100	BISBEE FM		5	90		/																SILTSTONE. (CONT.) AS ABOVE. (SANDY)					
				5	75																		SANDSTONE: AS ABOVE, COARSE IN PLACES, SILTY IN PLACES.					
465				0	60		/						/															
					80																							
470					5		/						/															
				5																								
475	100				40		/						/															
					10		/																					
480					0																							
					45		/						/															
485				5																								
					50																							
					15		/																					
490					10		/																					

DRILL HOLE: T-4



DESCRIPTION

SANDSTONE: (CONT.) As Above.

CONGLOMERATE: mixed clast sizes, Ranging from coarse sandsize to cobbles ≥ 4" in size; Silicified (Authegenic Qtz Cement), v. hard, fragments of previous LIMESTONE(?), SILTSTONE & Sandstone; well rounded to subangular (suggesting a short travel interval). bedding is near 0° (where measurable). occasionally a clast has been kaolinized; occasional epidote replacement of clasts; v. M. Secondary calcite cement throughout; in places complete epidote replacement of fine matrix.

ASSAY DATA page: 15

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
530	100	BISBEE FM			20		/																CONGLOMERATE: (CONT.) As Above. Pyrite assoc. w/ shaly or Siltstone rock fragments.					
535					90		/																					
540	100				90		/																					
545																							SANDSTONE: As Above, except occasional epidote-chlorite alteration.					
550	100				90		/																					
555					55		/																					
560	100				90		/																					
					50		/																					

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DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
565	100	BISBEE FM		10	45		/																SANDSTONE: As Above.					
																							CONGLOMERATE: As Above, except clast size is much larger, up to 6" in size.					
570	100				50		/																Very lt. fracturing					
575																							pyrite assoc. w/ rock fragments.					
580	100			10	45		/																					
585					45																							
590	100				45																							
595																												

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DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
600	100	BISBEE FM			40																		CONGLOMERATE: (CONT.) As Above.					
					45																							
605					70																							
610	100																						RECOMING SANDY NEAR CONTACT					
																							SANDY SILTSTONE: massive; dk grey; Qtz Sand; Silicified in part (?).					
615					30																		Sandy LIMESTONE: Massive; v. lt grey → white in color; sand size Qtz fragments; no observable bedding; possibly bleached in part, minor argillation in places (not related to faulting or fracturing); occasional silty interbeds < 5".					
620	100				80																		No mineralization					
625					40																							

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
635	100	ESSEX FM			40																		SANDY LIMESTONE: As Above.					
640					50																		CONGLOMERATE: fine sand size fragments & Gravel matrix, Siltstone & limestone pebbles & Cobbles. Qtz & Calcite Cemented; occasionally epidote altered clasts. No measurable bedding angle; No Mineralization.					
645																												
650	100				90																							
655					50																							
660	100	ERIMAN DOL			70																		SILTSTONE: massive to finely bedded, v. dk green in color; mildly hornfelsed; Silicated (v. hard). minor epidote alteration throughout. No mineralization					
665					40																							

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DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
670	100	EPITAPH DOL.		10	70		/																SILTSTONE: (CONT.) As Above.					
675	100				90		//																No Mineralization					
680					10		/																					
685				10	90																							
690	100				40		/																					
695				10	50																							
					75																							
					30																							
					90																							

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DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
705	100	EPITAPH DOL.		10	5		/																SILTSTONE: (CONT.) As Above.	page: 21				
710	100			20	90		/						/															
715				10	30																							
					5																							
720	100				5																							
					90		/																					
725					75																							
					45																							
730	100			10	10																							
					5		/																					

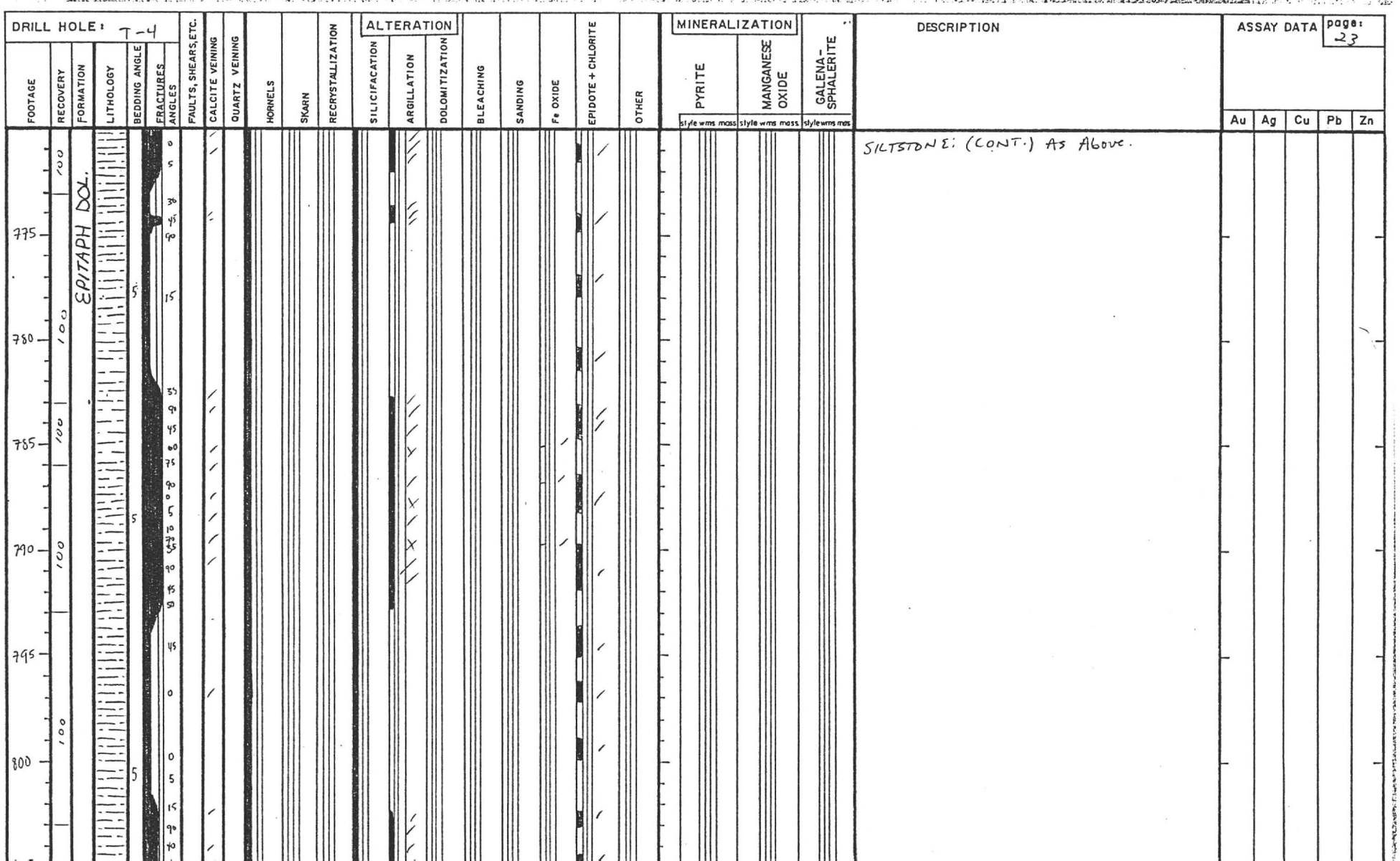
DRILL HOLE: T-4

ASSAY DATA — page: 22

FOOTAGE	RECOVERY	FORMATION	BEDDING ANGLE	FRACTURES ANGLES	DESCRIPTION
		EPITAPH DOL.	10	15	SILTSTONE: (CONT.) As Above.
740	100			30	
745			5	5	
	100			5	
750				20	
755			5	90	
	100			15	
760				5	
				85	
765				75	
				30	

Column headings: FOOTAGE, RECOVERY, FORMATION, LITHOLOGY, BEDDING ANGLE, FRACTURES ANGLES, FAULTS, SHEARS, ETC., CALCITE VEINING, QUARTZ VEINING, HORNELS, SKARN, RECRYSTALLIZATION, ALTERATION (SILICIFACATION, ARGILLATION, DOLOMITIZATION), BLEACHING, SANDING, Fe OXIDE, EPIDOTE + CHLORITE, OTHER, MINERALIZATION (PYRITE, MANGANESE OXIDE, GALENA-SPHALERITE; style wms mass), DESCRIPTION, ASSAY DATA (Au, Ag, Cu, Pb, Zn)

DRILL HOLE: T-4



DESCRIPTION

SILTSTONE: (CONT.) AS ABOVE.

ASSAY DATA

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Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
810	100	EPITAPH DOL.		5	30	/	/																	SILTSTONE: (CONT.) AS ABOVE.					
				0	90																							
					80																							
					15		/																					
815				0			/																					
820	100			5																			SANDSTONE: massive; v. fine grained; arkosic to silty in part; lt brownish grey in color; argillaceous in part. strongly fractured in places; no mineralization.					
825				5																								
830	100				TOO NUMEROUS TO MEASURE																								
835					80																							
					5																							
					35																							
					60		/																					
				5																								

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DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)
845	100	EPITAPH DOL		S	35 60 5 90 0 75 15		/															
850				S			/															
855	100						/															
860					TOO NUMEROUS TO MEASURE								X X X X X									
865	100												- X - X									
870													/ X / X									

DESCRIPTION

SANDSTONE: (CONT.) As Above, except

END OF SILICIFICATION, unit becoming more silty

SILTSTONE: As Above, except increasing

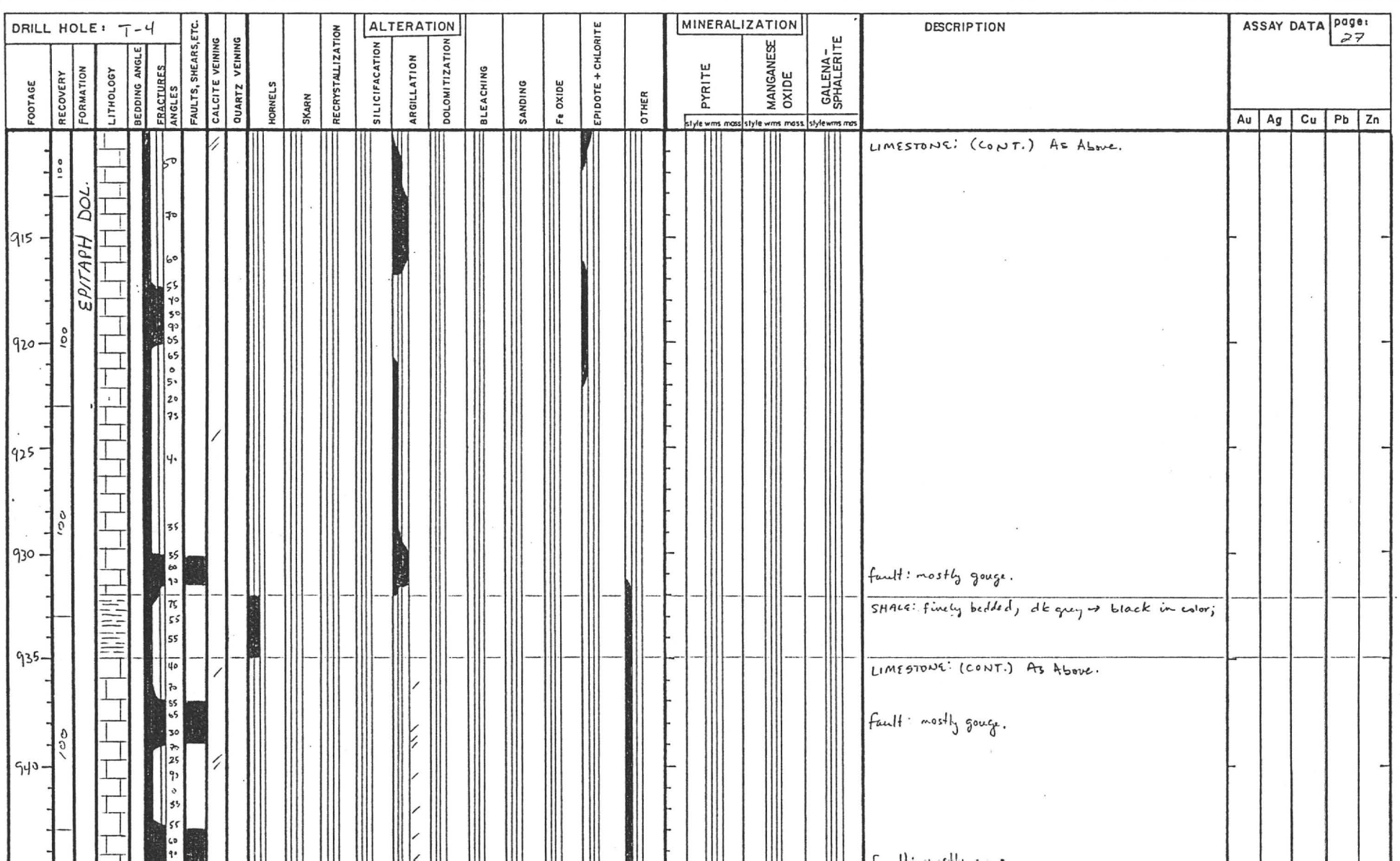
ASSAY DATA page: 25

Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-4

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (style wms mass)	MINERALIZATION: MANGANESE OXIDE (style wms mass)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
880	100	EPITAPH DOL.																					SILTSTONE: (CONT.) AS ABOVE.					
885																												
890	100																											
895																							LIMESTONE: Massive; white → lt green in color; strongly argillized in places, where it is not argillized it is mod. altered by epidote-chlorite					
900	100																											
905	100																											

DRILL HOLE: T-4



DESCRIPTION

LIMESTONE: (CONT.) As Above.

fault: mostly gouge.

SHALE: finely bedded, dk grey → black in color;

LIMESTONE: (CONT.) As Above.

fault: mostly gouge.

ASSAY DATA

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Au	Ag	Cu	Pb	Zn