DRILL HOLE: T-2

2010	2035	2030	2025	2020	2015	2010	2005

FOOTAGE	
RECOVERY	100 100 100 100
FORMATION	COLINA LS.
LITHOLOGY	
BEDDING ANGLE	60 60
FRACTURES	
ANGLES	75 75 60
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 mass)	
DESCRIPTION	LIMESTONE: as above
ASSAY DATA: Au	
ASSAY DATA: Ag	
ASSAY DATA: Cu	
ASSAY DATA: Pb	
ASSAY DATA: Zn	

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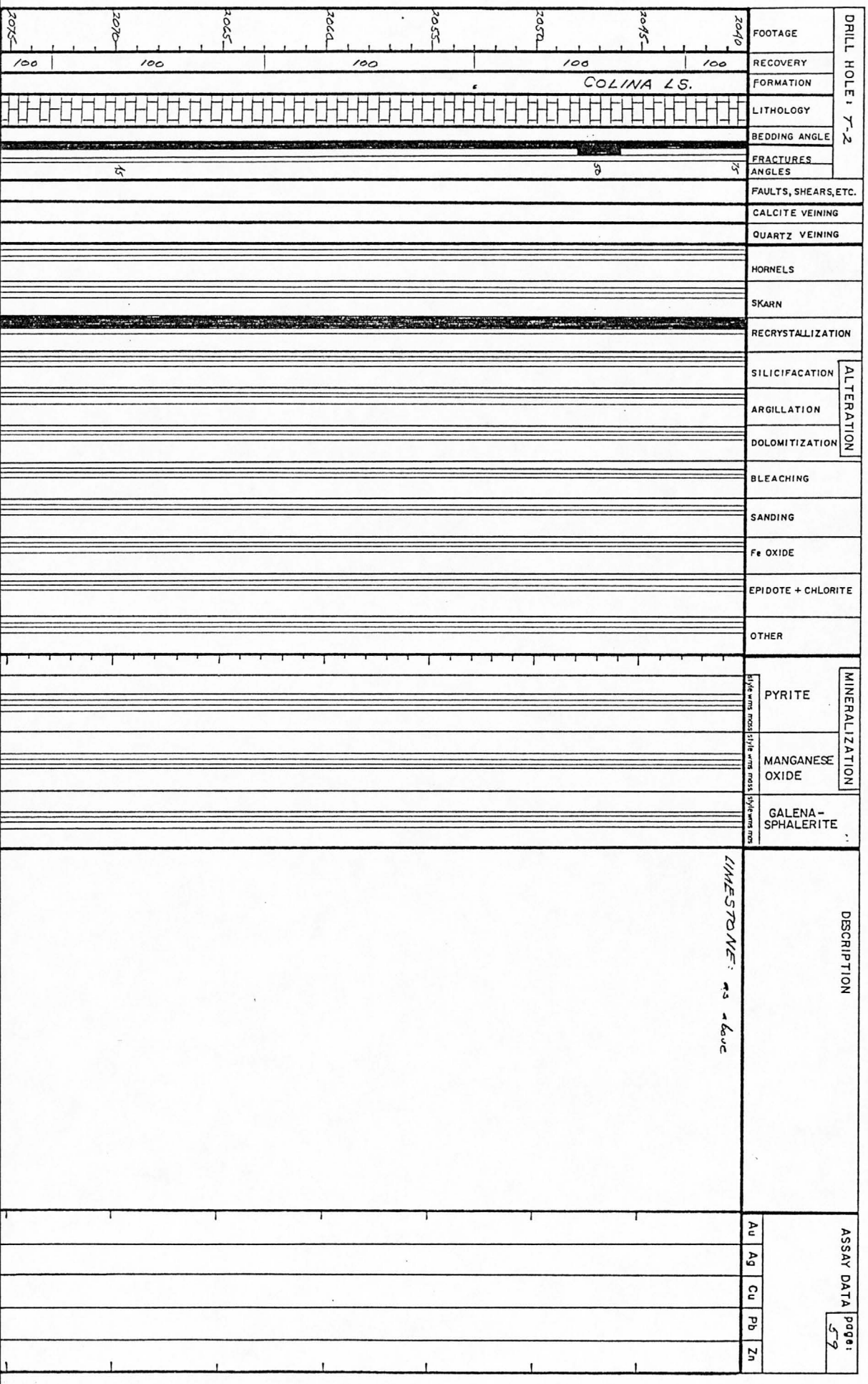
DRILL HOLE: T-2
FOOTAGE
2075
2070
2065
2060
2055
2050
2045
2040
RECOVERY
100
100
100
100
100
FORMATION
COLINA LS.
LITHOLOGY
BEDDING ANGLE
FRACTURES
ANGLES
15
50
35
FAULTS, SHEARS, ETC.
CALCITE VEINING
QUARTZ VEINING
HORNELS
SKARN
RECRYSTALLIZATION
ALTERATION
SILICIFACATION
ARGILLATION
DOLOMITIZATION
BLEACHING
SANDING
Fe OXIDE
EPIDOTE + CHLORITE
OTHER
MINERALIZATION
PYRITE
MANGANESE OXIDE
GALENA-SPHALERITE
style ums mass
DESCRIPTION
LIMESTONE: as above
ASSAY DATA
page: 59
Au
Ag
Cu
Pb
Zn

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
2075																							LIMESTONE: as above					
2080	100	COLINA LS.			20																							
2085																												
2090	100			10																			2093-2100': fusilinid-rich zone					
2095																												
2100	100																											
2105																												
2110	100																											

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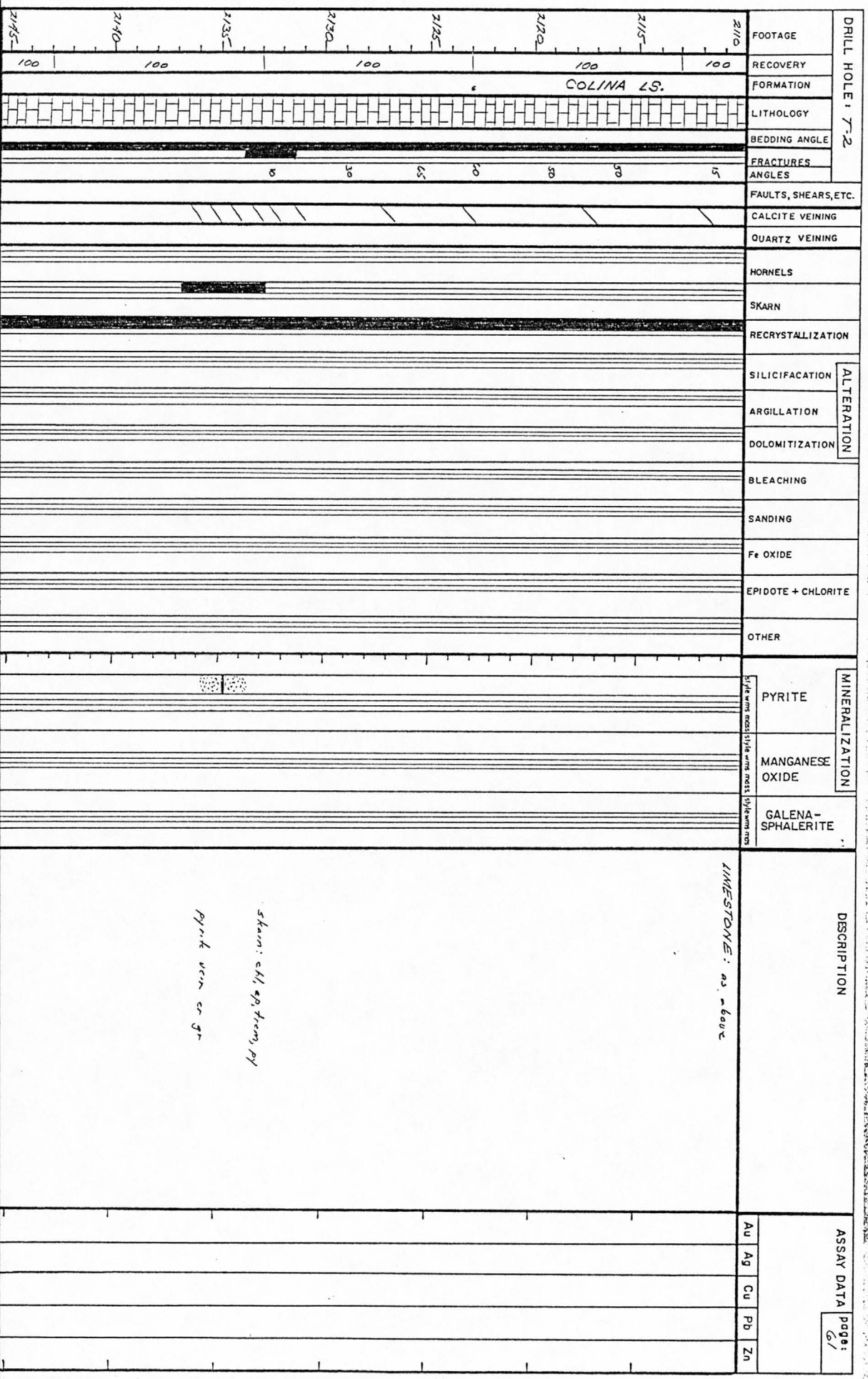
DRILL HOLE: T-2
FOOTAGE
2145
2140
2135
2130
2125
2120
2115
2110
RECOVERY
100
100
100
100
100
FORMATION
COLINA LS.
LITHOLOGY
BEDDING ANGLE
FRACTURES
ANGLES
0
30
65
60
80
50
15
FAULTS, SHEARS, ETC.
CALCITE VEINING
QUARTZ VEINING
HORNELS
SKARN
RECRYSTALLIZATION
ALTERATION
SILICIFACATION
ARGILLATION
DOLOMITIZATION
BLEACHING
SANDING
Fe OXIDE
EPIDOTE + CHLORITE
OTHER
MINERALIZATION
PYRITE
MANGANESE OXIDE
GALENA-SPHALERITE
DESCRIPTION
LIMESTONE: as above
skarn: chl, ep, trem, py
pyrite vein or gr
ASSAY DATA
Au
Ag
Cu
Pb
Zn
page: 61

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
2145					5																		LIMESTONE: as above
					75																		
2150	100	COLINA LS.			5		/			■										■		/	gl, sl, py: 1.5" vein w/ perph. minor skarn
					60		/			■										■		/	gl, sl, py: 1" " " " " "
					65		/			■										■		/	gl, sl .5" " " " " "
2155																							
					35		/																
	100																						
2160							/																
					40		/			■										■		/	gl, sl, py 2" vein w/ cutted qtz w/ periph. skarning
2165																							
					75																		
	100						/													■			
					35																		
2170																							
							/																
					10																		
2175																							
	100				10		/																
2180					15		/																

ASSAY DATA — page: 62

Au	Ag	Cu	Pb	Zn
		%	%	%
0.01	21.09	0.16	2.52	1.33
0.01	ND	ppm 12	ppm 36	ppm 17
ND	0.86	29	38	37
0.02	2.16	67	600	760

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
2180	100	COLINA LS.			70																		LIMESTONE: as above					
					5																							
2185					55																							
	100																											
2190					10																							
2195																												
	100				10																							
					10																							
2200																												
2205					35																							
	100																											
2210																												
					60																							
2215	100																						.1" gl, sl, py veinlet					

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
2215	100	COLINA LS.			27																		LIMESTONE: silic & H skarn; gray fn gr w/ chl, ep, wollas, vv minor py sl. gl					
					45																							
2220					35																		LIMESTONE: gray, recrl					
					45																							
2225					40																							
	100				55																		LIMESTONE: same as 2215-2218.5'					
					65																							
					30																							
2230					30																		LIMESTONE: med gr, gray white, recrl					
2235					40																							
	100				40																							
2240																												
					40																							
2245	100				60																		LIMESTONE: as above; skarning increasing downward. @ 2248' has ep, + amph or pyrox metacrysts					
					15																							
2250																												

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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
	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																					/						
							/																1.5% pyrite > sphalerite > galena.					
					60																							
							/																					
2285					25		/																					

ASSAY DATA

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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
	100	COLINA LS.		SS	20		/																LIMESTONE: (CONT.) As Above, except becoming grey in color.					
					10																							
							/																					
2290					50		/						/															
					50																							
2295					40		/																					
							/						/															
2300	100				30																							
					40																							
2305					35		/																					
2310	100				25															/		/	(≃.1")					
2315					25		/						/															
2320							/						/															

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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	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	COLINA LS.		35	20		X																LIMESTONE: (CONT.) As Above.					
2325					55		/																					
2330	100				70		/																					
					55		/																					
2335					20		/													/								
					35		/													/								
2340	100				50		/													/								
							/																					
2345							/																					
							/																					
2350							/																					
							/																					
2355							/																					

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	Au	Ag	Cu	Pb	Zn
																										PPm	PPm	PPm
2360	100	COLINA LS.			25																		LIMESTONE: (CONT.) As Above. ≈ 3% galena-sphalerite					
2365					50																							
																								0.01	4.29	47	100	78
					50																		Mini-manto ~ 1.5" Thick; pyrite, sphalerite, galena, alabandite (?) (60° ~ core axis).	0.03	<4.43	2.14%	10.4%	5.4%
2370	100				40																			0.01	2.64	18	77	29
					55																							
2375					55																							
2380	100				45																							
					0																		1" wide calcite vein w/ scalenohedral xtls.					
2385					55																							
				55	35																							
2390																												

ALTERATION

MINERALIZATION

ASSAY DATA

DRILL HOLE: T-2

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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
	100	COLINA LS.			55		/																LIMESTONE: (CONT.) As Above.					
					75		/																					
							/																					
2395							/																					
					55		/																					
					65																							
	100				65		X																					
2400					65		X																≃.25% pyrite >> sphalerite > galena					
					65		X																					
					5		X																					
					65		X																					
					30																							
2405							/																					
	100				50		/																					
2410																												
					25		/																					
2415							/																					
					15		X																≃.25% pyrite >> sphalerite > galena					
	100						X																					
2420					30		/																					
					5		/																					

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 Au	Ag	Cu	Pb	Zn
		COLINA LS.			10		/						/										LIMESTONE: (CONT.) As Above, except an occasional shaly interbed.					
					35		X						/															
					25		X																					
							X																					
2430					50		/																					
							/																					
2435					35		/																					
					45																							
2440							/						/															
2445							/																					
					50		/																					
2450																												
					35		/						/															
					5																	/						
2455							X						//															
					40																							
							X																					
2460							X																					

NOT RECORDED →

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
	100	COLINA LS.			30		/																LIMESTONE: (CONT.) As Above.					
					50		/																					
2465					50		/																					
2470	100				20		/																					
2475					40		/																					
2480	100				65		/																					
2485																												
2490	100				15		/																					
2495																												

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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
	100	COLINA LS.			55		/						/										LIMESTONE: (CONT.) As Above, except occasional Stylolites (50~55° to core).					
2500							/						/															
2505					50																							
	100						/																					
2510																							SILICIFIED & skarned, wollastonite.					
					55																							
2515													/															
	100				60																							
2520					55																							
													/															
2525					50		/																					

ASSAY DATA

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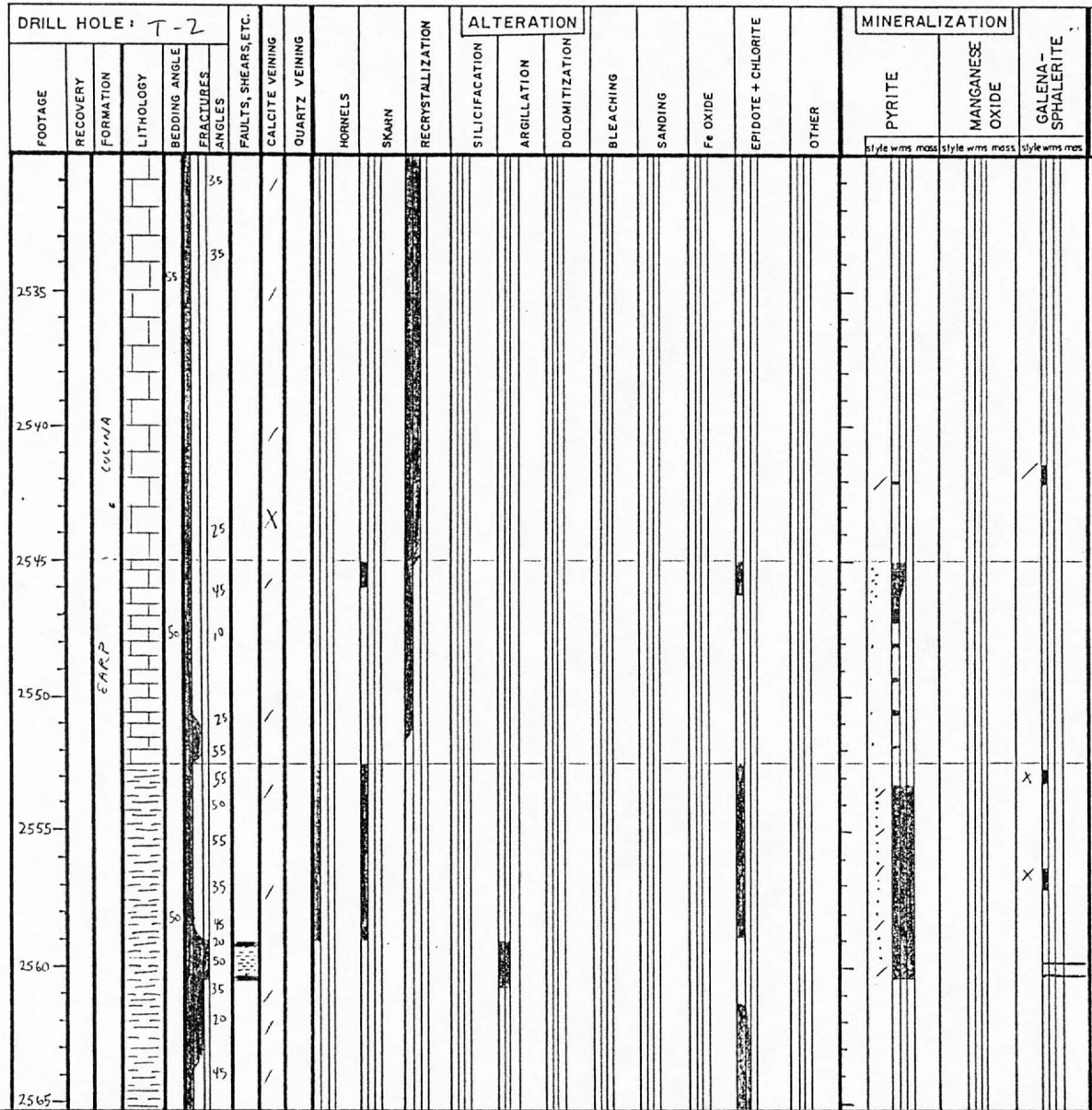
DRILL HOLE: T-2



DESCRIPTION

LIMESTONE: (CONT.) As Above.

galena >> yellow sphalerite & pyrite

BASE OF COLINA LIMESTONE (?)

LIMESTONE: Fine grained, weakly recrystlzd, 25% pyrite dk-rich zones of dissem. pyrite (<1%) assoc. w/ stylolites.

SHALE: Thin bedded, calcareous, Altered by Skarning & Hornfels. mineralized (by as much as 60%), pyrite assoc. w/ bedding.

Assay

ASSAY DATA

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Au	Ag	Cu	Pb	Zn
		%	%	%
0.02	12.75	0.01	1.43	0.22
ND	5.52	10 ppm	340 ppm	81 ppm
0.01	10.79	% .01	% .22	% .01
0.03	2.91	4	95	46
		ppm	ppm	ppm
0.02	ND	67	260	320
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	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
					25, 10		/																SHALE: (CONT.) As Above.					
					20, 10, 70		/																DOLOSTONE: SILICIFIED, incipient calc-silicate growth on bedding planes.					
2570	0 0 1	EARP FM			25		/																					
					10, 5		/																LIMESTONE: med. grained; Recrtlzd; w/sparse Crinoidal Columnals; med → dk grey in color, minor pyrite; minor shale interbeds assoc. w/pyrite.					
				55	35		/																					
2575					45		/																					
							/																					
2580	0 0 1					△ △ △																	SHALE: thinly laminated; partially Hornfelsed, local heated breccia zones.					
2585																												
2590	0 0 1																											
						△ △ △																						
2595																												
																							Pyrite rich zone.					
2600																							See next page.					

page: 74

DRILL HOLE: T-2

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FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	Au	Ag	Cu	Pb	Zn
	100	EARP FM			5		/																LIMESTONE (CONT.) As Above					
					25		/																					
							/																SHALE INTER BED: w/minor chlorite					
				65	0		/															/	SHALE: As Above, except completely silicified/ Hornfelsed, Calcareous in part.					
					65		/																					
2605					60		/																SHALE: Abund. calc-silicates assoc. w/ bedding planes.					
					30																							
					35		/																LIMESTONE: massive; Rextlzd; fossiliferous (crinoidal).					
2610					45																	/						
	100				35		/																					
					45																							
					5																		SHALE: thinly-laminated, calcareous in part; locally abund. pyrite.					
2615					35		/																					
					15		/																					
					20		/																LIMESTONE: Argillized & pyritized, Rextlzd, Pyrite ≃ 3% → 20% (dissem).					
2620							/																					
					25																	/	SHALE.					
					35		/																					
					50		/																					
2625					60																			0.01	ND	11	310	11
				60																		/		0.02	3.11	32	60	82
					45		/																					
	100																											
					60																							
2630					75		/															/						
					75																							
					60																							
							/																					

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
		EARP FM			10		/													/			SHALE: (CONT.) As Above.					
					75																							
					65		/																					
2640																				/								
					35																							
					60		/													/								
					5																							
					60															X								
2645	100																			X								
					30		/																					
					25																							
2650							/																					
					15		/																					
					20																							
					60																							
2655					70		/																					
					60																		≃ 10% pyrite					
	100																											
2660							/																					
					60		/																					
					60																							
2665					15		/																					
				65	60																							
					45		/																					

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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 Au	Ag	Cu	Pb	Zn
2675	100	EARD FM		65	10, 35, 45, 65, 10, 65, 65, 10, 65, 10, 10																		SHALE: (CONT.) As Above. (CORE 2670' → 2675' damaged ~ mislatch).					
2680	100																											
2685																												
2690																												
2695	100				5, 15, 15, 30, 35																		LIMESTONE: massive, coarsly rextlzd; Skarned, pyrite (3.5% – 5%)					
2700					55, 45, 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: Au	Ag	Cu	Pb	Zn
2710	100	EARP FM			40, 25, 45, 55		/															...	LIMESTONE: (CONT.) As Above.					
2715																												
2720	100				5, 55, 15, 45, 35, 55		X /															X, X, X	DOLOSTONE: massive, Recrtlzd, Skarned in part, Abund. calc-silicates, minor pyrite					
2725					10																							
2730					30, 10, 30		X, X																LIMESTONE: As Above, except reduced rextlzn, lacking in mineralization					
2735					25, 15		/ \																					

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
	0 0 1	EARP FM			45 75		/																LIMESTONE: (CONT) As above.					
2745							X																					
				0	35		/																					
2750							/																					
	0 0 1				15		/																LIMESTONE: Shaly interbeds, odd patchy texture, skarned.					
2755					25		/																					
2760					45		/																LIMESTONE; med. grained; rextlzd.					
					5 50		/																LIMESTONE. shaly interbeds, skarned.					
2765					25 40																							
	0 0 1				25 40		/																LIMESTONE: As Above, except occasional shaly interbeds.					
2770					15		/																					
2775					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
					55 35		/ /																LIMESTONE: As Above.					
2760	100	EARP FM.		15	15 15		/																SHALE: Partially hornfelsed shale, calcareous near above LS. contact, mottled					
2765					10 10 65 15		/ /																					
2770					55 55		/ / /																LIMESTONE: Massive; Recrtlzd, med. grained. LINKED SHEAR TEXTURES.					
2775	100				15 15 55 15 60 60 60 65		/ / Y X / / X /																SHALE: As Above.					
2800																												
2805																												

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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		/																SHALE: (CONT.) As Above.					
					15								/															
2815	100	SARP FM			50		/																					
					15								/															
					20																							
2820					40		/																					
					50								/															
					45																							
2825					50								/															
	100				45		/																					
					50																							
2830					55																							
							/																					
							/						/															
					60																							
2835																												
					50		/																					
2840																												
							/																					
					35		/																					
							/						/															
					40																							
							/																					

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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
	100	EARP FM			30		/								/								SHALE: As Above.					
	1				65		/																					
2850					50		/								/													
					60																		SHALY LIMESTONE: Silicated, hard, no sulfides.					
2855					60	X																						
					60	/																	SHALE: As Above, lacking in mineralization					
	100				15	/																						
2860																												
					55	/																						
2865					15	/																						
					5	/																						
2870																												
					20	/																						
	100				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	HORNELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	Au	Ag	Cu	Pb	Zn
					10																		SHALE: As Above.					
					65																		LIMESTONE: Skarned, hard.			%	%	%
	100				65																		≈5" thick sulfide + calcite veinlet [ASSAY]	ND	94.01	0.04	2.64	4.92
	100%																						SHALE: Silicated, mostly fault gouge.					
2885		EARP FM			20																		LIMESTONE: SILTY to V. SILTY in part.					
				65	55																							
					35																		≈4% pyrite					
					65																							
					20																							
	100				15																		SHALE, Silicated					
2890					35																							
					55																					ppm	ppm	ppm
																							LIMESTONE: V. SILTY, laminated, sheared(?)	0.17	41.90	440	340	440
																							↳ pyrite > sphalerite > galena. (ASSAY)	1.09	13.92 %	0.33%	5.1%	5.44%
					30																			0.04	3.46	64	60	51
					5																		SHALE: Silicated, hornfelsed, minor chloritization					
2895					30																							
					15																							
					65																							
				65																								
					50																							
2900					70																							
					70																							
	100				20																							
					50																							
2905					20																							
																							LIMESTONE: massive, med grained, recrystlzd.					
																							Basal 4" thoroughly					
2910					60																		SHALE: Silicated, hornfelsed (increasing down section), Abund. pyrite on 60° fractures.					
					60																							
																							≈15% pyrite					
					60																							

DRILL HOLE: T-2

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	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	/																				
					55		X	/																				
2920	100	EARP FM			60		/																SHALE: Partially silicated, hornfelsed, bleached seliargs.					
					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																							

MINERALIZATION

ALTERATION

ASSAY DATA

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

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Au	Ag	Cu	Pb	Zn
0.02	0.65	20	200	300
0.03	oz 1.15	% .16	% 1.79	% .02
0.02	ND	11	100	78

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
																							SHALE: (CONT.) As Above, bleached selvages.					
2990		EARP FM																										
2995	100																											
3000	100																						LIMESTONE: Skarned, cut by sphalerite-pyrite galena veinlets. (1/16" wide), Some bedding replacement.	0.01	ND	% 3.3	% 1.00	% 1.95
																								0.01	7.34			
																								0.02	5.15	53	320	320
																							TOTAL DEPTH 3003'					
3005																												

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

29255	T-2	2968.3	2969.0	4	41	286	360	0.65	11	1	367	1.09	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	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

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	0.45	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	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	308	5.15	7	1	595	1.03	3	5	0.02	3	116	2	2	2	19	15.69	0.029	10	21	0.07	7	0.03	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	20.65	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	1.68	22	5	ND	2	103	1	2	2	8	17.00	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	3409	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	70	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	0.99	0.01
29476	T-3	146.0	147.0	5	18	11	53	ND	3	2	3738	1.64	35	5	ND	2	89	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	58	2	2	2	8	6.91	0.015	15	24	0.00	2	0.05	6	0.72	0.01
29478	T-3	148.0	149.0	4	29	2	30	ND	10	2	1982	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	50	55	339	4.97	4	1	4976	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	49	102	373	6.75	5	5	3020	2.25	136	5	0.10	3	52	3	14	2	16	12.10	0.029	11	19	0.41	19	0.01	7	0.38	0.01
29484	T-3	179.0	180.0	2	42	60	414	7.00	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	132	5	0.09	7	60	3	15	2	25	14.50	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	3.70	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	2815	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	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	17.46	0.004	12	13	1.85	50	0.01	4	0.19	0.01
32668	T-4	1220.0	1221.0	11	110	973	982	75.36	6	1	3837	0.80	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	98	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	610	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	296	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	0.05	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	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	11080	12907	1107.2	1	1	41694	0.98	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	0.84	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	1.55	254	6	0.07	1	185	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	6570	1099	2.93	2	1	7757	0.70	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	275	1.40	1	1	3626	0.13	10	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	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	42	0.01	2	0.52	0.01
32683	T-4	1639.0	1640.0	5	4	175	115	5.33	1	1	1316	0.05	6	5	0.01	1	275	1	2	2	2	38.76	0.003	2	4	0.16	6	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	11888	0.44	24	5	ND	1	402	10	17	2	6	36.16	0.004	3	5	0.23	184	0.01	2	0.15	0.01

16112 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	68.80	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

SAMPLE	DRILL ELEMENT ------> 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	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	450.4	2435.8	2730.0	31.955	9.3	3.9	3948.9	1.542	41.0	5.1	0.098	2.2	292.6	24.0	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	2.0	632.3	60.9	40.2	11.0	38.2	10.711	0.0261	7.7	13.5	1.4	130.2	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	33438	54880	2043	50	66	41694	17.5	1481	14	4.02	11	6286	535	344	158	570	39.86	0.181	72	151	11.09	1886	0.17	680	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	1430.0	2642.9	56.783	10.8	5.5	3344.8	2.557	38.0	5.0	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	0.020	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	56.0	0.0	0.156	2.2	1225.9	80.7	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.		1307.5	1308	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	6080.7	22.108	11.7	6.3	1299.9	1.296	15.1	5.0	0.042	2.0	325.5	37.4	10.2	7.4	11.5	16.650	0.018	8.8	17.4	1.6	83.6	0.039	10.7	1.186	0.017
ST.DEV.				13.5	4250.0	9338.7	12727	72.426	11.5	10.3	1362.5	1.202	24.0	0.0	0.168	2.1	421.2	78.6	23.5	25.3	8.3	11.060	0.014	6.1	12.8	2.8	288.4	0.038	11.0	1.116	0.020
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	33438	49379	462.72	47	66	6529	6.63	152	5	1.09	7	1995	386	130	158	33	38.02	0.055	27	52	11.09	1886	0.17	60	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	3.130	5.8	2.5	3241.1	1.761	64.8	5.0	0.045	4.3	84.9	2.4	8.6	2.0	14.3	14.900	0.029	14.3	16.0	2.5	23.0	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	0.0	0.074	3.5	31.3	1.1	9.4	0.0	14.5	6.610	0.025	4.7	5.2	0.4	14.3	0.022	25.6	0.321	0.011
MIN.		140	141	1	18	2	30	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	13.62	11	5	5463	3.45	237	5	0.24	11	137	5	31	2	60	28.58	0.093	22	25	1.79	60	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	1.101	95.9	5.0	0.055	1.2	252.8	45.9	38.9	2.4	26.6	25.584	0.015	6.0	13.4	1.1	29.8	0.018	6.1	0.525	0.010
ST.DEV.				300.5	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	71.0	75.7	1.6	65.5	18.137	0.017	4.2	10.2	0.8	40.4	0.020	7.3	0.599	
MIN.		1219	1220	1	4	25	60	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	23086	14196	1107.2	29	13	41694	5.2	1481	6	0.27	4	1252	427	344	12	570	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	8.0	2.2	5809.6	1.826	17.6	5.2	0.141	1.8	117.2	10.0	9.5	2.5	6.9	20.088	0.043	8.3	19.4	0.7	8.4	0.035	36.1	0.420	0.011
ST.DEV.				1.8	363.5	1503.1	2697.5	91.916	8.1	2.6	7966.3	1.718	17.0	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	12.0	0.029	92.6	0.518	0.010
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	10	2354	9487	17423	627.33	50	17	37615	12.06	80	14	4.02	7	495	100	178	12	41	39.21	0.181	19	151	2.65	63	0.17	680	3.93	0.09

PRINTED IN U.S.A.

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	308.9	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-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.

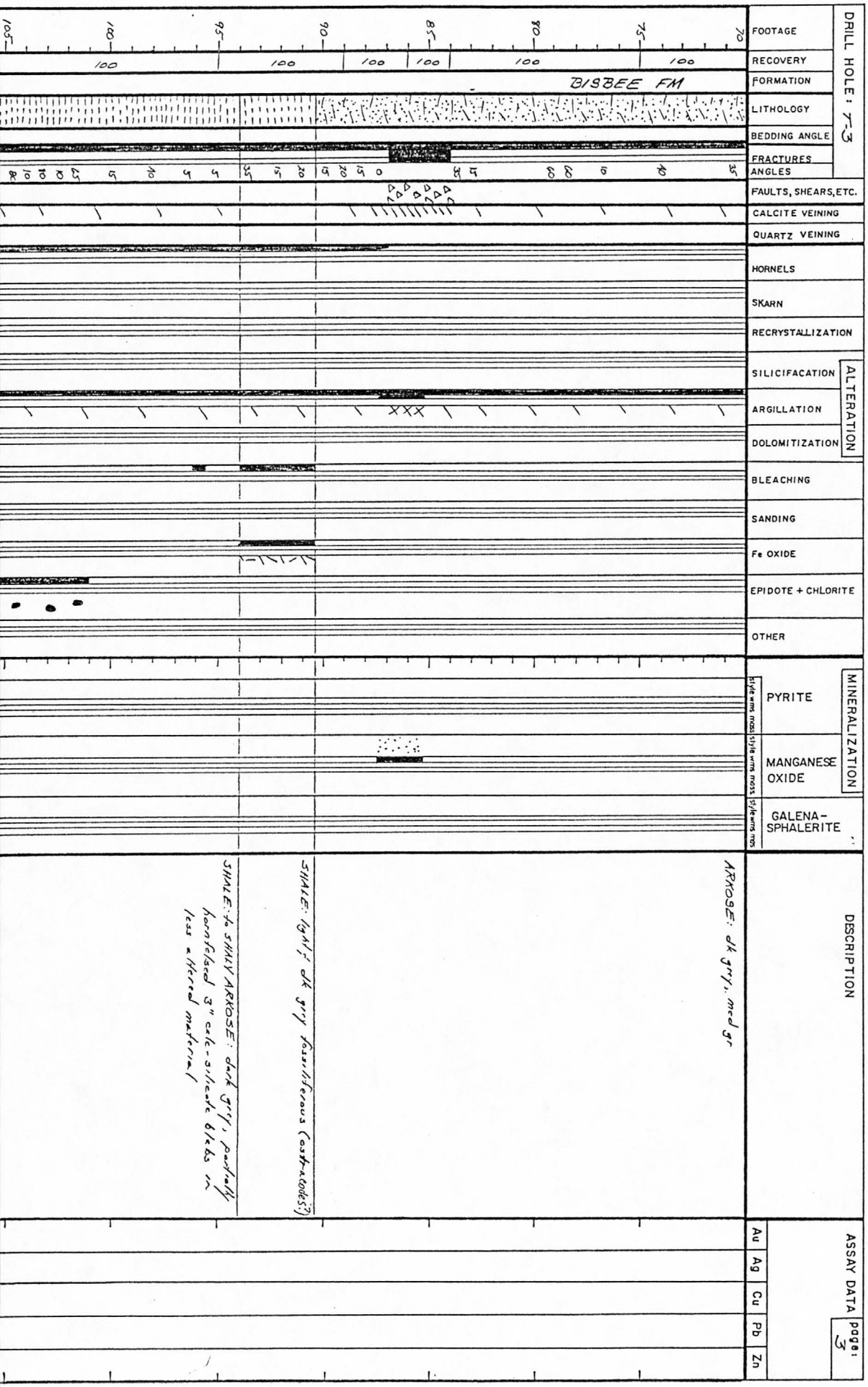
1. Footage: depth below collar.
2. Recovery: horizontal lines indicate top and bottom of run, number indicates percentage of core recovered.
3. Formation: name of formation in drilled interval.
4. Lithology: standard symbology is used and is explained in the description column; symbols may be combined.
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	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
5	100	BISBEE FM																					ARKOSE: shattered, med. gr, greenish-grey, massive ly bedded					
10	100																											
15	100				15																		ARKOSE: green & white - salt & pepper coloration; med. gr; lightly metamorphosed but still soft					
20	100				20																							
25	100				55																							
30	100				35																							
35	100				35																		SILTSTONE: hornfelsed - hard & compact; dark grey; fine grained					
40	100				10																		ARKOSE: as above, Fe-rich gouge zone in mid-section					
45					35																		LIMESTONE: sheared, abun MnOx dend on fracs. healed breccia					
																							SILTSTONE: as above, but just below upper contact					

DRILL HOLE: T-3

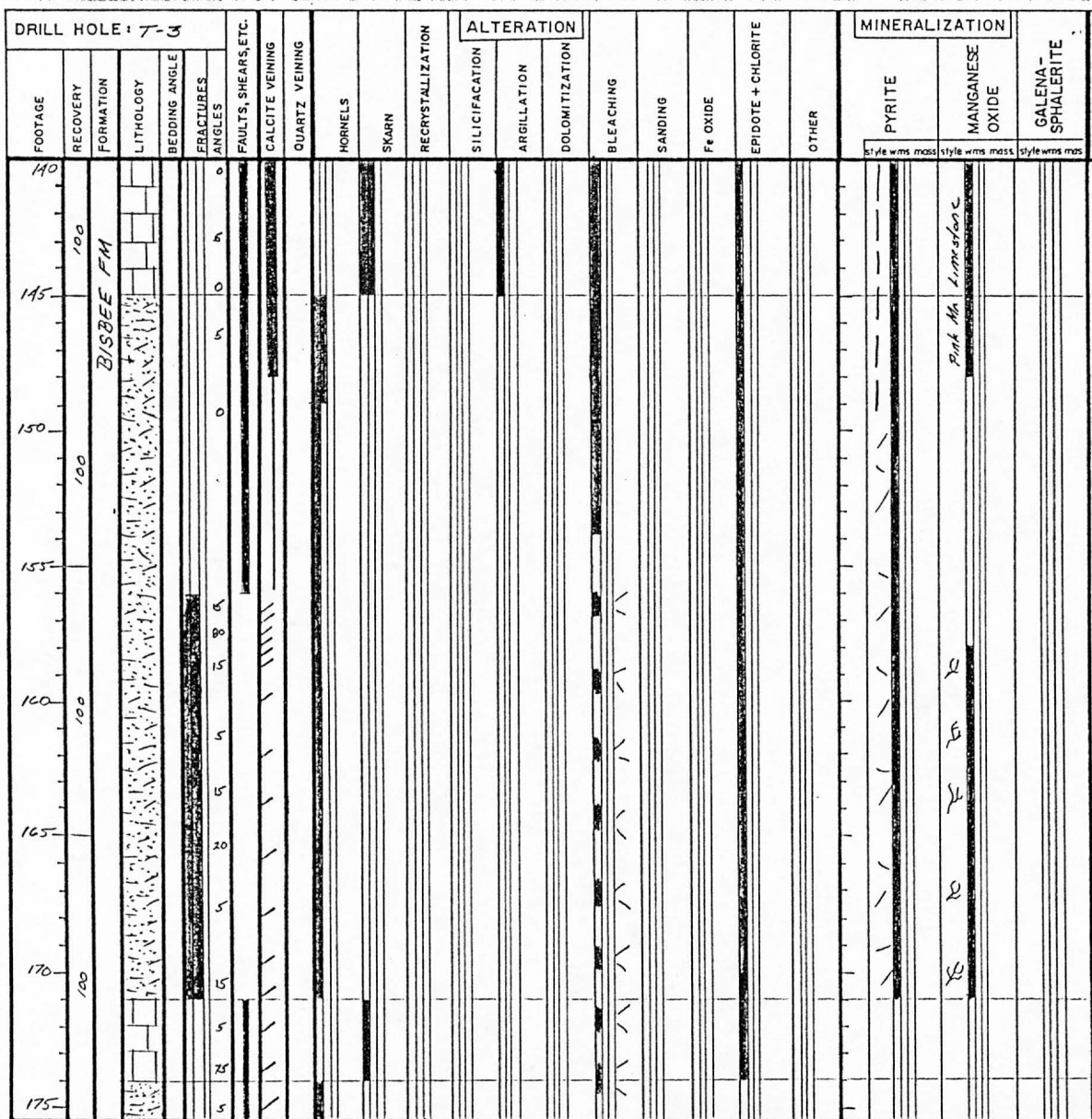
FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNELS	SKARN	RECRYSTALLIZATION	ALTERATION: SILICIFACATION	ALTERATION: ARGILLATION	ALTERATION: DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	MINERALIZATION: PYRITE (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					
					35																							
					55																							
40	100				35																							
					15																							
					0																							
45	100				30																		ARKOSE: greenish-grey, med. gr, lightly horn-felsed. Deformation decreases dramatically at ~62'					
					35																							
					40																							
50	100				15																							
					0																							
55	100				50																							
					15																							
60	100				45																							
					35																							
65	100				15																							
					35																							
					50																							
70					35																							


DRILL HOLE: T-3
FOOTAGE
RECOVERY
FORMATION
BISBEE FM
LITHOLOGY
BEDDING ANGLE
FRACTURES
ANGLES
FAULTS, SHEARS, ETC.
CALCITE VEINING
QUARTZ VEINING
HORNELS
SKARN
RECRYSTALLIZATION
SILICIFACATION
ARGILLATION
DOLOMITIZATION
ALTERATION
BLEACHING
SANDING
Fe OXIDE
EPIDOTE + CHLORITE
OTHER
PYRITE
MANGANESE OXIDE
GALENA-SPHALERITE
MINERALIZATION
DESCRIPTION
ARKOSE: dk grey, med gr
SHALE: light dk grey fossiliferous (astrocodes?)
SHALE: to SHALY ARKOSE: dark grey, partially hornfelsed 3" calc-silicate dikes in less altered material
ASSAY DATA
Au
Ag
Cu
Pb
Zn
page: 3

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	BISBEE FM			60, 65, 15, 20, 15																		SHALE: as above					
110	100				60, 15, 15, 15																							
115					15, 20, 15																		SILTSTONE: bleached, silicified: hornfelsed wierd mottled white and dark grey streaky alteration; strongly fractured controlled					
120	100				50, 65, 50																							
125					55, 60																		SHALE: dark grey, weakly hornfelsed					
130	100				15, 50, 70, 60																		LIMESTONE: skarned w/ abund. chlor, ep — recrystallized: strong open calcite veinlets. Near-vertical structure w/ py-chlor & calc-silicates					
135					0, 5, 0																							
140	100				0, 0, 0																		SHALE: w/ vertical structure as above					
																							LIMESTONE: strongly skarned; as above					

page: 4



DESCRIPTION

LIMESTONE: skarned, bleached, argillized. long major vertical structure w/ big open calcite vein w/ py

ARKOSE: partially hornfelsed: structure necks down and alteration envelope diminishes

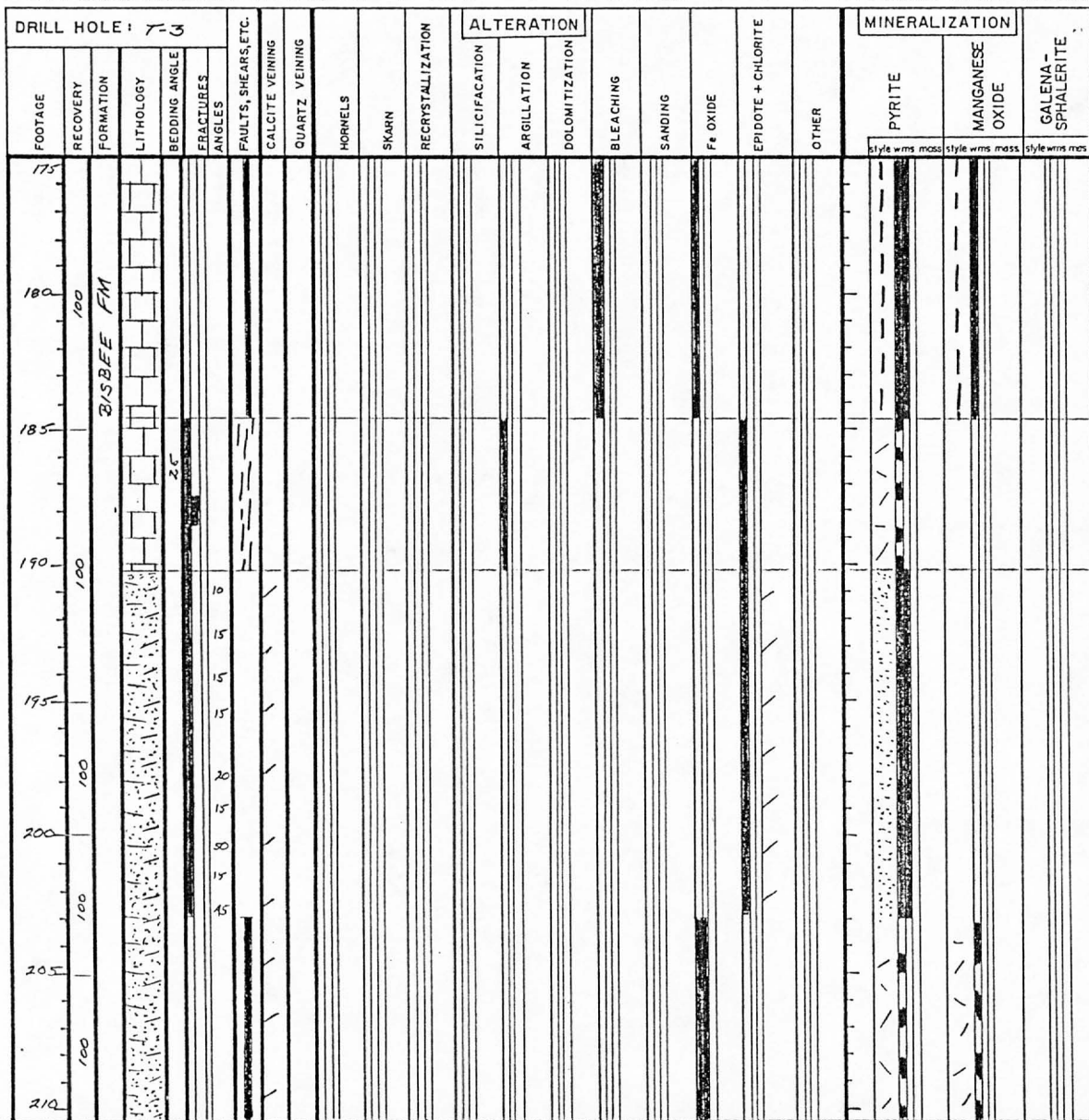
LIMESTONE: partially skarned, cut by numerous vertical & nearly horizontal fracs

ARKOSE: as above; vertically fractured

ASSAY DATA page: 5

Au	Ag	Cu	Pb	Zn
ND	ND	17	180	320
ND	ND	12	80	120
ND	ND	26	84	144
ND	ND	15	95	208
ND	ND	19	75	180
ND	ND	18	20	40
ND	ND	12	18	20
ND	ND	28	60	144
ND	ND	21	20	18
ND	5.4 oz	24	60	360

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: recrystallized, chloritized fracs and up to 10% disem py

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

ASSAY DATA

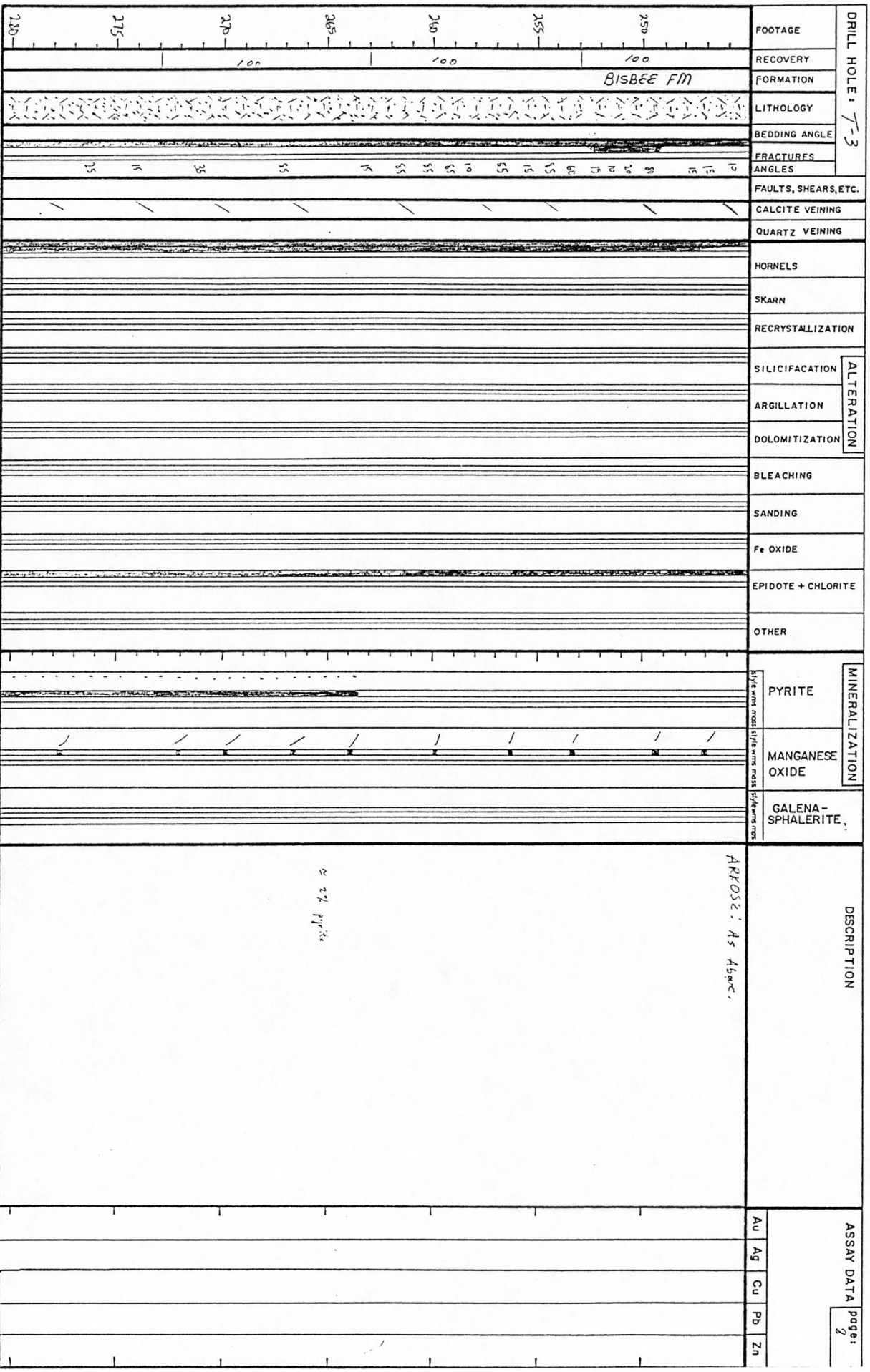
page: 6

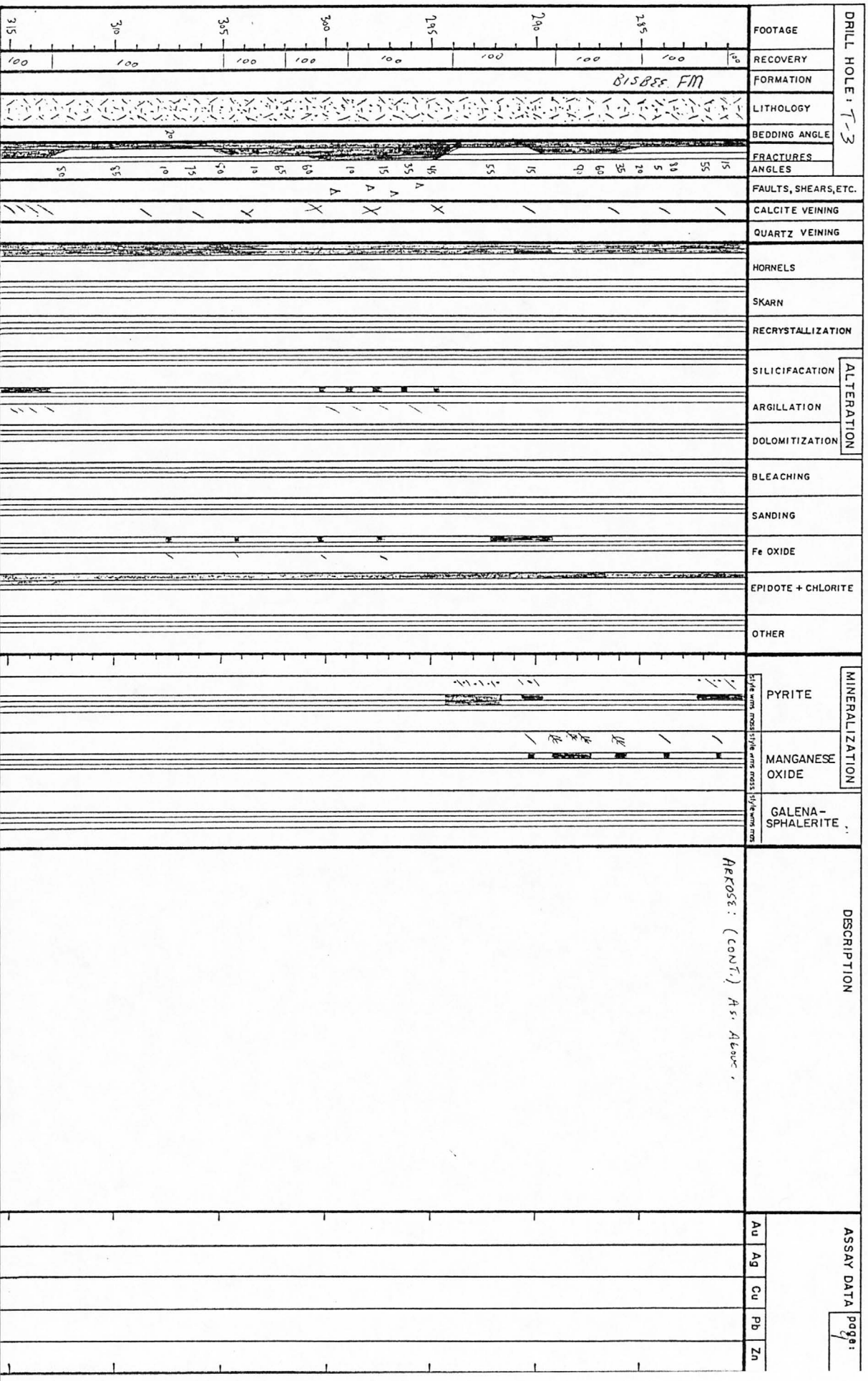
Au	Ag	Cu	Pb	Zn
ND	4.97	26	55	220
ND	4.97	35	58	310
0.24	0.33	17	77	220
0.10	6.75	40	120	360
0.03	7.85	37	86	420
0.02	1.89	31	168	340
0.10	3.76	66	280	360
0.23	13.82	35	160	440
0.07	9.53	36	135	458

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)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
215	100	BISBEE FM																						LIMESTONE: Sandy, brecciated & Hematite Stained, major structure ≈ 11° ~5% oxidized pyrite					
220	100					10, 30, 55, 75																		ARKOSE: Calcareous in part, fractured & Hematite Stained, MnOx dendrites, increasing epidote & chlorite.					
225						30, 10, 10, 85																							
230	100					60, 55																							
235						15, 10, 45																							
240	100					10, 60, 15																							
245																													

ASSAY DATA


DRILL HOLE: T-3
FOOTAGE
RECOVERY
FORMATION
LITHOLOGY
BEDDING ANGLE
FRACTURES
ANGLES
FAULTS, SHEARS, ETC.
CALCITE VEINING
QUARTZ VEINING
HORNELS
SKARN
RECRYSTALLIZATION
SILICIFACATION
ARGILLATION
DOLOMITIZATION
ALTERATION
BLEACHING
SANDING
Fe OXIDE
EPIDOTE + CHLORITE
OTHER
PYRITE
MANGANESE OXIDE
GALENA-SPHALERITE
MINERALIZATION
DESCRIPTION
ASSAY DATA
Au
Ag
Cu
Pb
Zn
page: 2
BISBEE FM
ARKOSE. As Above.
≈ 2% pyrite


DRILL HOLE: T-3
FOOTAGE
RECOVERY
FORMATION
BISBEE FM
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
DESCRIPTION
ARKOSE: (CONT.) AS ABOVE.
ASSAY DATA
Au
Ag
Cu
Pb
Zn
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)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
320	100	BISBEE FM			25, 70, 50, 20																		ARKOSE: (CONT.) As above					
325	100				10, 75, 60, 20, 15, 00																							
330	100				50, 20																							
335	100				50, 25																							
340	100				50, 5																							
345					10, 20																							
350	100				15																							

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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	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: Au	Ag	Cu	Pb	Zn
355	100	BISBEE FM			0, 90																		ARKOSE: As Above, Sparse dissem. Pyrite.					
360	100				0, 90																							
365	100				0, 90																							
370	100				70, 55, 30, 50																							
375	100																						LIMESTONE: Massive, Argillized, ≃ 10% pyrite w/ Abundant MnOx dendrites & Spots. [ASSAY]					
380					35, 35, 55, 10, 5, 5, 75, 5																		≃ 15% dissem. pyrite.					
385																												

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, mass)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
390	100	BISBEE FM			45, 20, 15, 20																		ARKOSE: As Above.					
395	100				45, 60																							
400	100				15, 50																							
405	100				30, 10																							
410	100				30, 5																							
415					5, 5																							
420					5, 65																		LIMESTONE: Shaly in part, mod. skarned, sheared brecciated & healed, Calcite veinlets.					

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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
425	100	BISBEE FM			65, 5, 65, 5, 65																		LIMESTONE: (CONT.) As Above.					
430	100				5, 20, 5, 5, 10, 5		✓ ✓																Shale, dk grey, hornfelsed,					
435	100				65, 85, 5, 70																							
440	100				20, 5		✓ ✓																					
445	100				15, 85, 15, 90, 10		✓ ✓											✓ ✓					LIMESTONE: As Above.					
450					5, 30, 0, 70		✓																SHALE: As Above					
455					75, 70, 75, 10, 70		✓ ✓ ✓											✓ ✓					LIMESTONE: As Above.					

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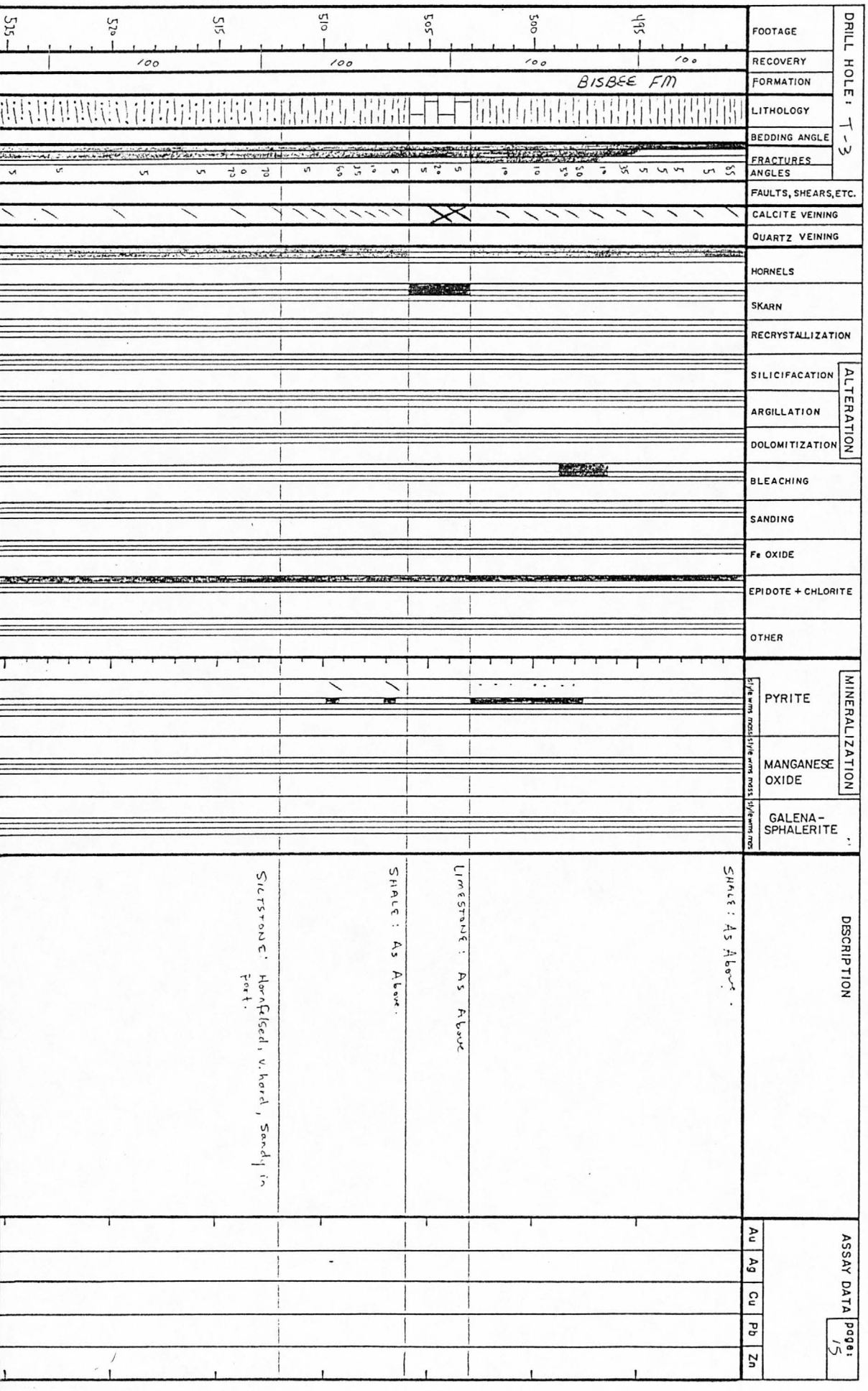
DRILL HOLE: T-3

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
					50		X						/										LIMESTONE: (CONT), As Above.					
					45		//						/															
					65		/						/															
		BISBEE FM			70		/																SHALE: As Above.					
460	100				10		/						/															
					15																							
													/															
					30		/																					
465																	/											
					35								/															
					20								/				/											
	100						/										/											
					10												/											
													/				/											
470					5												/											
					0																							
	100				5								/				/											
													/															
					15																							
475													/															
					45	△△							/															
					65	△△							/															
	100				40								/															
480																												
													/															
					20																		LIMESTONE: As Above.					
					35																							
					75		/																SHALE: As Above, except calcareous in part.					
485					5		/																					
					75		/																					
					5		/																					
					65																							
					55																							
490					35		/																					

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
ARGILLATION
DOLOMITIZATION
BLEACHING
SANDING
Fe OXIDE
EPIDOTE + CHLORITE
OTHER
MINERALIZATION
PYRITE
MANGANESE OXIDE
GALENA-SPHALERITE
DESCRIPTION
ASSAY DATA
Au
Ag
Cu
Pb
Zn
BISBEE FM
SHALE: As Above.
LIMESTONE: As Above
SHALE: As Above.
SILTSTONE: Hornfelsed, v. hard, sandy in part.

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
																							SILTSTONE (CONT.) As Above					
					15		/											/										
					60		/																					
		BISBEE FM			5													/										
530	100																											
							/																					
					75		/																					
535					15													/										
	100						/																					
					50													/										
																		/										
540					10																							
							/																					
					50																							
					55																							
545	100						/											/										
					75																							
					25																		CONGLOMERATE: fine grain matrix, silicified.					
																							SHALE: As Above calcareous in part.					
							/																					
550					60																							
							/																					
					25																							
	100																											
					65																							
555							/																					
					55																							
					15																							
560																												

page: 16

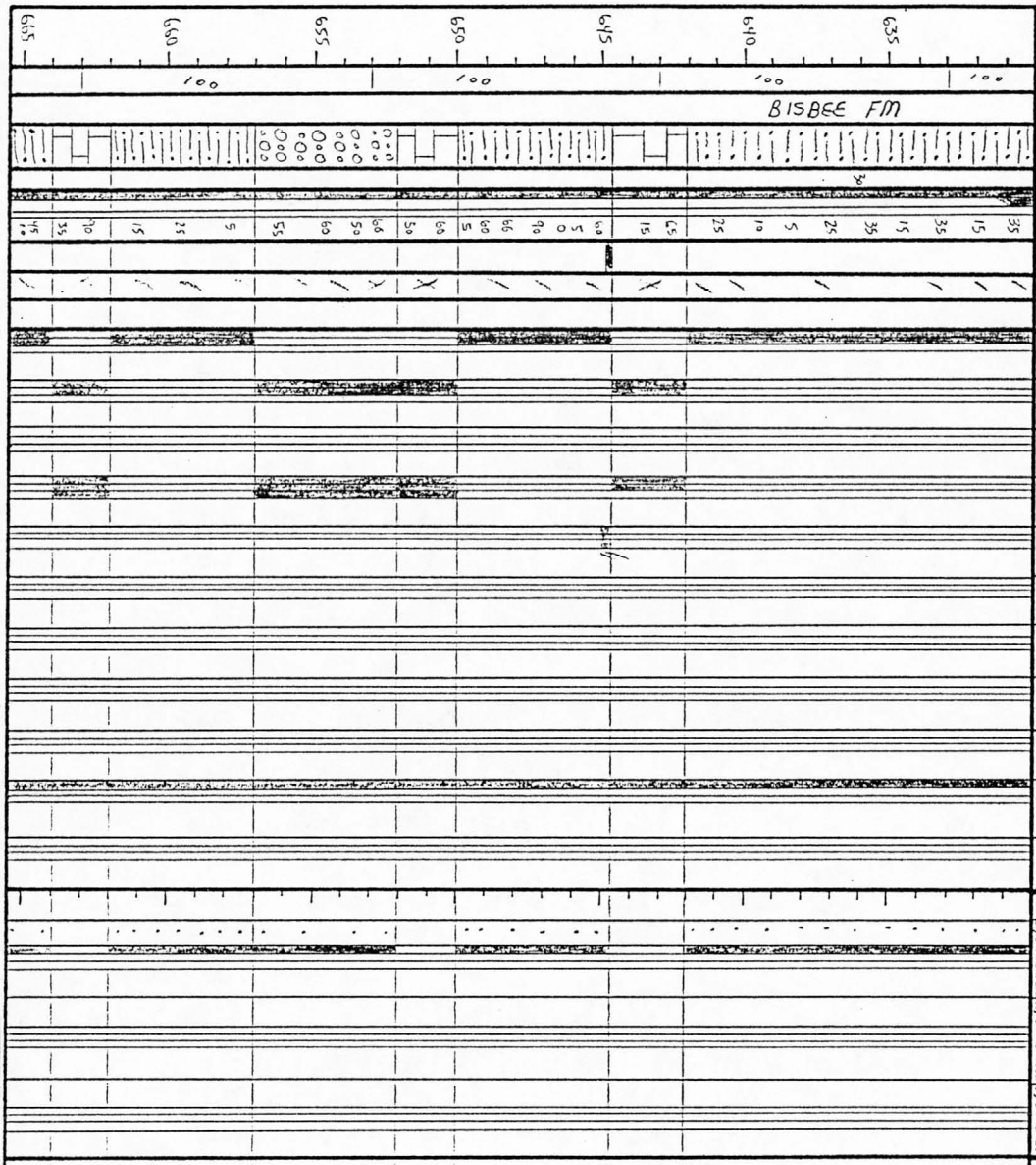
DRILL HOLE: T-3

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
		BISBEE FM			15		/																SHALE: AS ABOVE.					
					50		/																					
					15																							
565					15		/																					
					35		/																					
570					35																							
					10																		CONGLOMERATE INTERBED.					
					40																							
575					40		/											/										
					25																							
					35		/											/										
580					0																							
					0		/																					
					40													/										
					0																		LIMESTONE: Shaley, v. hard, Skarned, or Silicified.					
					75																							
585					5		X																SHALE/SILTSTONE: Hornfelsed, v. hard & compact, minor dissem. pyrite (<< 1%)					
					0																							
					0													/										
					0		/																					
					55																							
590					0		X											/										
					25																							
					5		X											/										
595					25																							

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, 35, 0, 0, 5, 90, 0, 0, 0, 0, 85, 35, 0, 70		/																SHALE/SILTSTONE: CONT. AS ABOVE.					
605																												
610																												
615					70, 75, 0, 55, 15, 5		X, /, X, /													X, /, /, /			LIMESTONE: THOROUGHLY SILICIFIED, Early Qtz veins, later Calcite veins.					
620					20, 55, 10		/, /, /, /																SANDSTONE: SILICIFIED & CALCAREOUS, w. coarse sand transitional w/ underlying cong.					
																							CONGLOMERATE: Qtzite pebbles, Calcite cement, occasional LS. pebbles.					
625				30	5, 45, 65, 65, 55, 55, 55		/, X, X, X, X																SILTSTONE: SANDY in part (Arkosic), dk green, Hard, compact.					
630																												

DRILL HOLE: T-3



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
					20																		LIMESTONE (CONT.) As Above.					
					85																							
	100				35		X																					
		BISBEE		35	65		//																SILTSTONE: As Above, calcareous in part					
670					5		/																					
	100				0		/																					
					15																							
					15																							
675	100				15		/																					
					15																		Conglomerate: coarse, domin. Ls. frags, Qtz also present.					
					35		/																					
680	100																											
					70		/																					
685					55		/																					
					5																							
																							CONTACT BISBEE ↑ EPITAPH ↓					
	100	EPITAPH DOL.			40																		SILTSTONE: Laminated interbedded Ss. & Ls. & Calcareous shale.					
690					5		Y																					
					15																							
					35																							
					15		/																					
					5																							
					15																							
695				35	5		/																					
					0																							
					40		X																LIMESTONE: CLEAN, Recrystlzd.					
					5		X																					

ASSAY DATA page: 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
	100	EPITHEN			15		/																LIMESTONE: As Above, except w/ thin occasional interbeds of shale.					
					15																							
					10		/																					
705					50		/																					
					35																							
	100						/																					
710					50																							
							/																					
							/																					
715					10																							
	100																											
720					40		/																					
					10																		SHALE: As Above.					
					30																							
					30																							
725					40																		LIMESTONE: As Above, fossiferous (Gryphea?)					
					70																							
					40																							
	100				90		/																SHALE: As Above					
730					60																		LIMESTONE: As Above, bx & Healed.					
					30																							
					15		/																SHALE: As Above, possible start of "Navarenta" of Butler et al.					
735																												

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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
740	100	EPITAPH			25		/																SHALE: (CONT.) As Above, finely dissem pyrite					
					45		/																					
					5															/								
					60		/																					
					55		/																					
745					15		/																					
					20		/																					
750	100				55		/																					
					5															/								
					60																							
					10		/																					
755					5																							
					55																							
	100				10		/													/								
				30	35															/								
760							/																					
					10																							
							/																					
					55																		minor Ls. bed.					
765					70																							
							/																					
					2																		≃ 5% pyrite					
770							/																					

ASSAY DATA page: 22

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 | 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

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

FOOTAGE	RECOVERY	FORMATION	BEDDING ANGLE	FRACTURES ANGLES	DESCRIPTION
(to 783)	100	EPITAPH		26, 15, 15, 15, 30, 13, 30, 55, 35, 45, 35, 15, 45, 15, 55, 45	SHALE. (CONT.) As Above. Ls. interbed.
775					
780	100				
783–793			30	15, 55, 55, 55, 35, 25, 10, 65, 15, 12	LIMESTONE: As Above. ≈4% pyrite. Shale interbed.
785					
790	100				
793–			30	5, 10, 25, 30, 50, 5, 55, 25, 45, 20	SHALE: As Above. Ls. interbed.
795					
800	100				

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 mass)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
					10																		SHALE, CONT. AS ABOVE					
					15																							
810	100	EPITAPH			25																							
815					35																							
					10																		LIMESTONE: AS ABOVE, fossiliferous, WOLLASTONITE.					
	100				15																		SHALE: AS ABOVE, v. minor LS. interbeds. (<< 5").					
820																												
825					15																							
					45																							
830	100				40																							
					35																							
835					25																							
					20																							
					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
	0	EPITAPH				15																	SHALE: As above.					
				30		30																						
845	100																											
						55																						
850				30																								
						45																	LIMESTONE: Lt grey in color, Intraformational Conglomerate; Skarned, Embricated, forams(?), diagenetic pyrite. oolitic in part.					
855				30																								
	100			25		10																						
860																												
																							Very little fracturing of rock					
865																												
	100			25																								
870																												
						50																						

ASSAY DATA

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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
					40																		LIMESTONE: As Above except the development of algal boundstone (stromatolites) oolitic in part.					
					45																							
880	100	EPITAPH DOL.		40																								
					35																							
							/																					
885																												
	100				40																							
890				40																								
					45																							
895																												
	100																											
					40																							
900							/																					
				40																								
					50																							
905							/																					
					10																		fossil forams zone: (fusulins or forams?).					
					10																		Limestone changes color to dk grey.					
					45																							

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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
	100	EPITAPH DOL.			10		/																LIMESTONE: As Above					
					30																							
					10		/																					
915																												
	100			35	45																							
							//										//						SHALE: As Above, dk grey					
920					30		/																LIMESTONE: As Above, except sandy in part, mod. Skarned, wollastonite					
					10																							
							/						/															
925	100				30																							
	100				15																							
							/																					
930													/															
	100				70																							
							/																					
935													/															
	100				90																							
				45																			SHALE: As Above.					
940					30																							
	100																						Limestone: As Above.					
					70		/																					
					10		/																					

ASSAY DATA

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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
950	100	EPITAPH DOL.		30	10, 45, 50																		LIMESTONE: As Above, w/occasional shaly interbed (<5") mod. skarn w/ WOLLASTONITE.					
955					15, 55		/																					
960	100				50																							
965					15		/										//											
970	100																											
975	100			30	25		/																					
980					50, 45		/																LIMESTONE: SKARN SOLUTION "CONGLOMERATE". WOLLASTONITE SEEN THROUGHOUT CORE.					

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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	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: Au	Ag	Cu	Pb	Zn
985	100	EPITAPH DOL.																					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.					
990	100																						LACKING FRACTURES until 1019'					
995																							Description by W.D.R.: "clasts" consists of rounded to angular "fragments" up to 1.5' 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.					
1000	100																											
1005																												
1010	100				4 / 4		/ /																					
1015																												

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
1020	100	EPITAPH DOL.																					LIMESTONE: SKARN-SOLUTION CONGLOMERATE - Lacking in mineralization					
1025																												
1030	100																											
1035																												
1040	100																											
1045																												
1050																												

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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
	100	EPITAPH Dol.			25																		LIMESTONE: SKARN - SOLUTION "CONGLOMERATE" as above.					
1055					25																							
	100				50																							
1060					55																							
					30																							
1065	100																						LIMESTONE: Recrystallized, No Skarning, Hematite Stained, minor MnOx dendrites (<1%) This zone May have been faulted in.					
					25																							
1070	100				40																							
					45																							
1075																												
	100				25																							
					25																							
1080																												
					20																							
					40																		LIMESTONE - SKARN - SOLUTION "CONGLOMERATE". As Above, Mod. Skarned.					
1085					80																							

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DRILL HOLE: T-3

FOOTAGE	1090, 1095, 1100, 1105, 1110, 1115, 1120
RECOVERY	100, 100, 100, 100
FORMATION	EPITAPH DOL.
LITHOLOGY	
BEDDING ANGLE	50
FRACTURES ANGLES	50, 60, 60, 60
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	LIMESTONE: SKARN-SOLUTION "CONGLOMERATE"
ASSAY DATA: Au	
ASSAY DATA: Ag	
ASSAY DATA: Cu	
ASSAY DATA: Pb	
ASSAY DATA: Zn	

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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
	100	EPITAPH DOL.																					LIMESTONE: SKARN-SOLUTION CONGLOMERATE As Above.					
1125																							[NOTE: bedding is that of clasts, which coincidently all the same!]					
	100			75																								
1130																												
1135																												
	100																											
1140					90																							
1145				45																								
1150																							Argillation of matrix along shears.					
					70																							
1155					80																							

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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
					50																		LIMESTONE: SKARN-SOLUTION "CONGLOMERATE" healed shear zone.					
1160	100	EPITAPH DOL.																										
1165					45																							
1170	100				60																							
					60																							
1175																												
1180	100				80																							
1185																												
1190																							ARKOSE: See Next Page					

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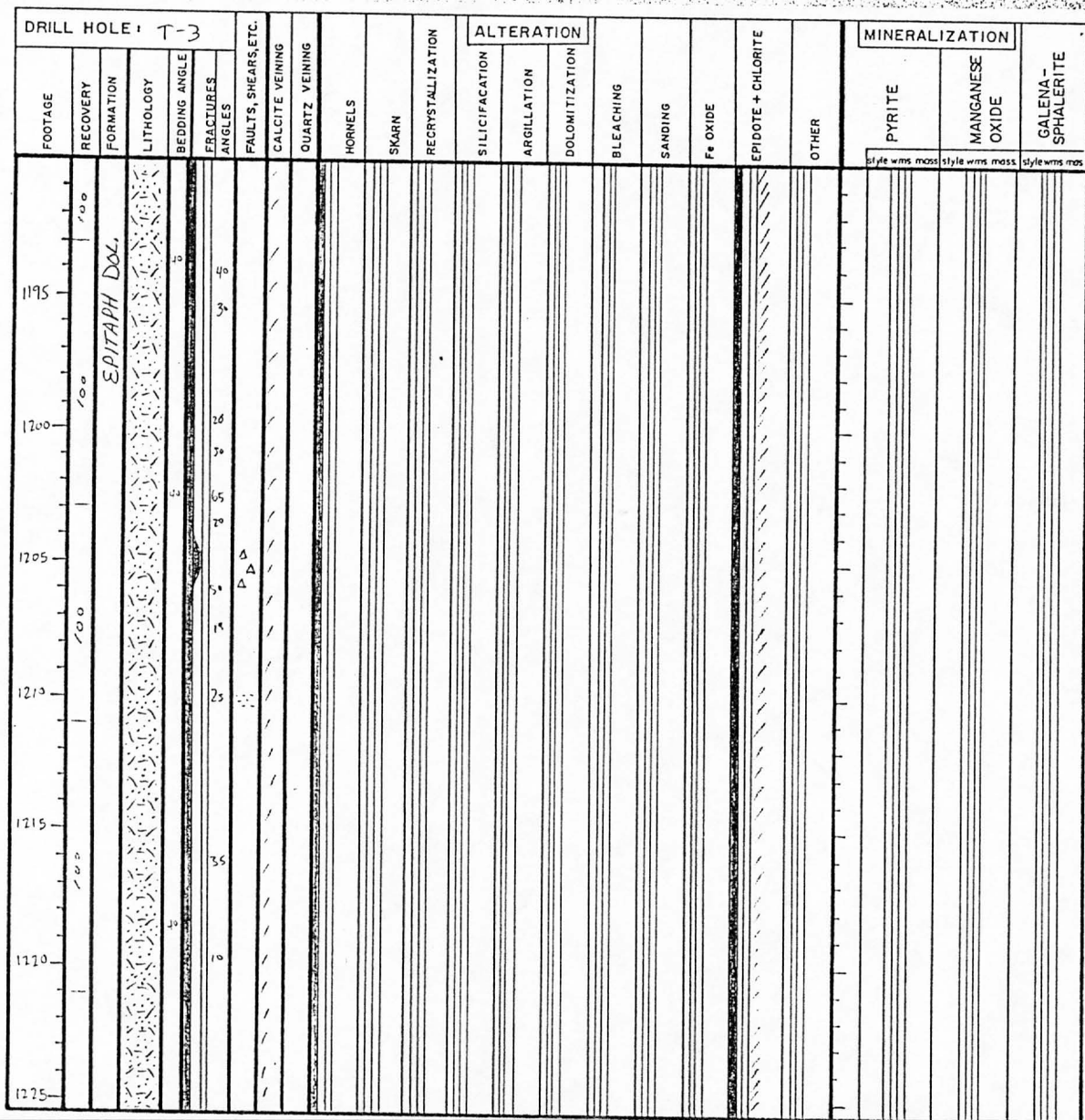
DRILL HOLE: T-3



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

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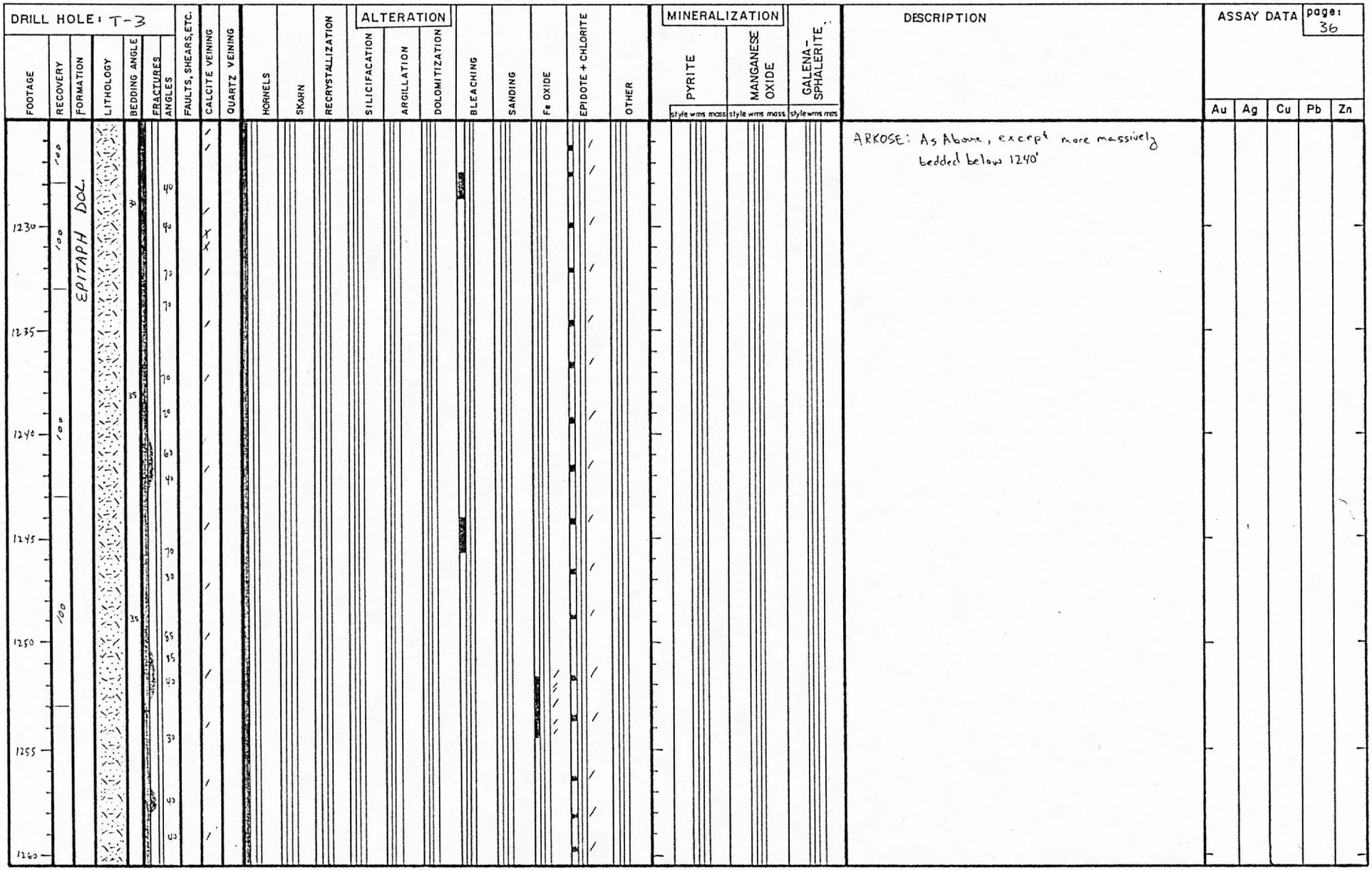
Au	Ag	Cu	Pb	Zn

DRILL HOLE: T-3



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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 mass)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1265	100	EPITAPH DOL.		30	70, 90, 50, 80, 0, 45																		ARKOSE: as above; unit becomes slightly calcareous below 1273'					
1270	100			41	90, 10, 90																							
1275	100				50, 40																							
1280					50, 80, 60																							
1285	100			41																			SILTSTONE CLAST - CALCITE CEMENT BRECCIA: angular chlorite epidote alt. 1/8" - 1" SILTSTONE CLASTS in "rusty" calcite cement. Unit thoroughly lithofied & contains few fractures.					
1290																					2.33		SILTSTONE: med → lt grey, dolomitic (?) SILTSTONE to mudstone, thinly laminated.					
1295																							SILTSTONE CLAST - CALCITE CEMENT BRECCIA: As Above Shear @ 15° to core axis.					

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																		ARKOSE: fine grained; gritty; thinly to thickly bedded, greenish grey in color, 6" bed of f. grained LS. @ 1295'-1295.6'.					
1305	100			50	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				50																							
1315				50																								
1320	100				20, 50, 40																							
1325				20	80																							
1330			SaSa aSaS SaSa aSaS		70																		FAULT BRECCIA & GOUGE. 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)	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, ΔSΔ, SΔS		20	Δ	/																FAULT BRECCIA & GOUGE:					
1340	100						/																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				50, 50		/																					
1355	100			75	too broken for measurement		/																					
1360	100				50		/																					
1365				50	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: 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
		EPITAPH DOL.			20																		SILTY SANDSTONE AS ABOVE.					
1370	100			55	50																		SANDY-SILTY-LIMESTONE: thinly bedded fine grained sandy silty limestone, interbedded sandstone, siltstone & sandy siltstone					
					45																							
1375				50	40																		SILTY SANDSTONE: As above, laminated bedding at 1380'					
	100				50																							
1380																												
					50																							
1385				45																			SANDY SILTY LIMESTONE: has marly appearance except for short 1' intervals of more or less homogeneous gritty limestone.					
	100																											
1390																												
1395				40																								
1400																												

ASSAY DATA

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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	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: Au	Ag	Cu	Pb	Zn
1405	100	EPITAPH DOL.		65	50 60 40																		SANDY SILTY SANDSTONE: As Above.					
1410	100				45 50 20 20																		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					
1415	100			50	20 50																							
START NX 1420					50 70																		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.					
1425	100				70																							
1430	100				40 45																		CONTACT @ 40° to core axis.					
1435			SAS ASS																				FAULT BRECCIA: See next page.					

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DRILL HOLE: T-3

DESCRIPTION	ASSAY DATA page: 42				
	Au	Ag	Cu	Pb	Zn
FAULT BRECCIA: fragments of totally alt. Ls.(?) 1/8" → 5" long in a white to lt greyish green talcy, strongly slickensided gouge. Gouge is greasy & highly reflective on slick surfaces.					
LIMESTONE: As above, except increased epidote & chlorite skarning.					

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					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, 40																		SILTSTONE: As Above.					
1500																												
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.		50	40, 40, 50, 40, 30, 5, 40, 45																		LIMESTONE. As Above.					
1515																							ARKOSIC SILTSTONE: finely bedded, fine grained, Lt-med. brown in color, void of minerals, very hard, mod. Hornfelsed.					
1520																												
1525	100				35, 5, 10, 5, 0																		LIMESTONE: As Above, except sharply increased Pyrite along fractures & dissem. Throughout. Epidote-chlorite skarning increasing. <2% <8%					
1530				50	30, 5, 30, 20																							
1535					45																							
1540					35																							

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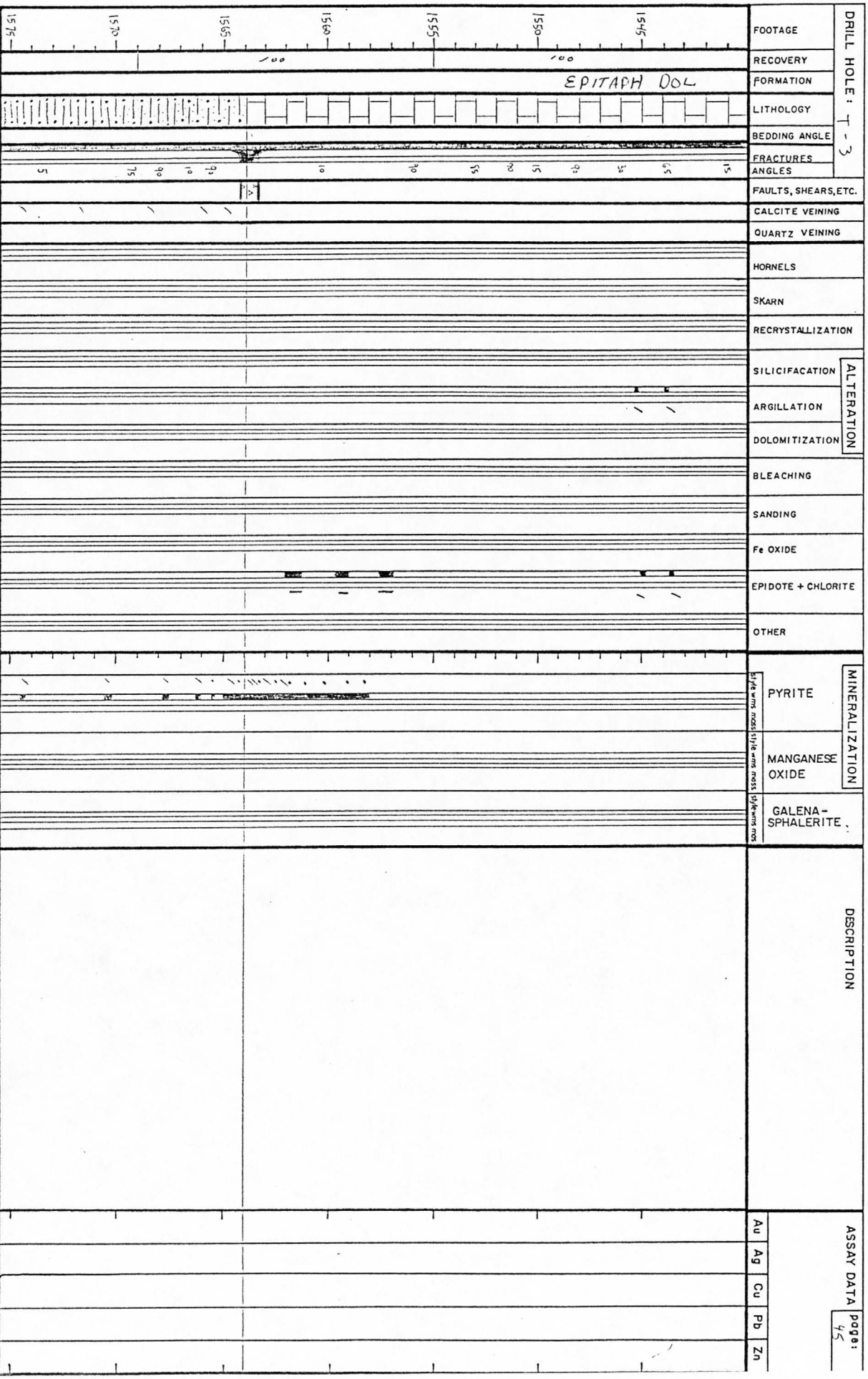
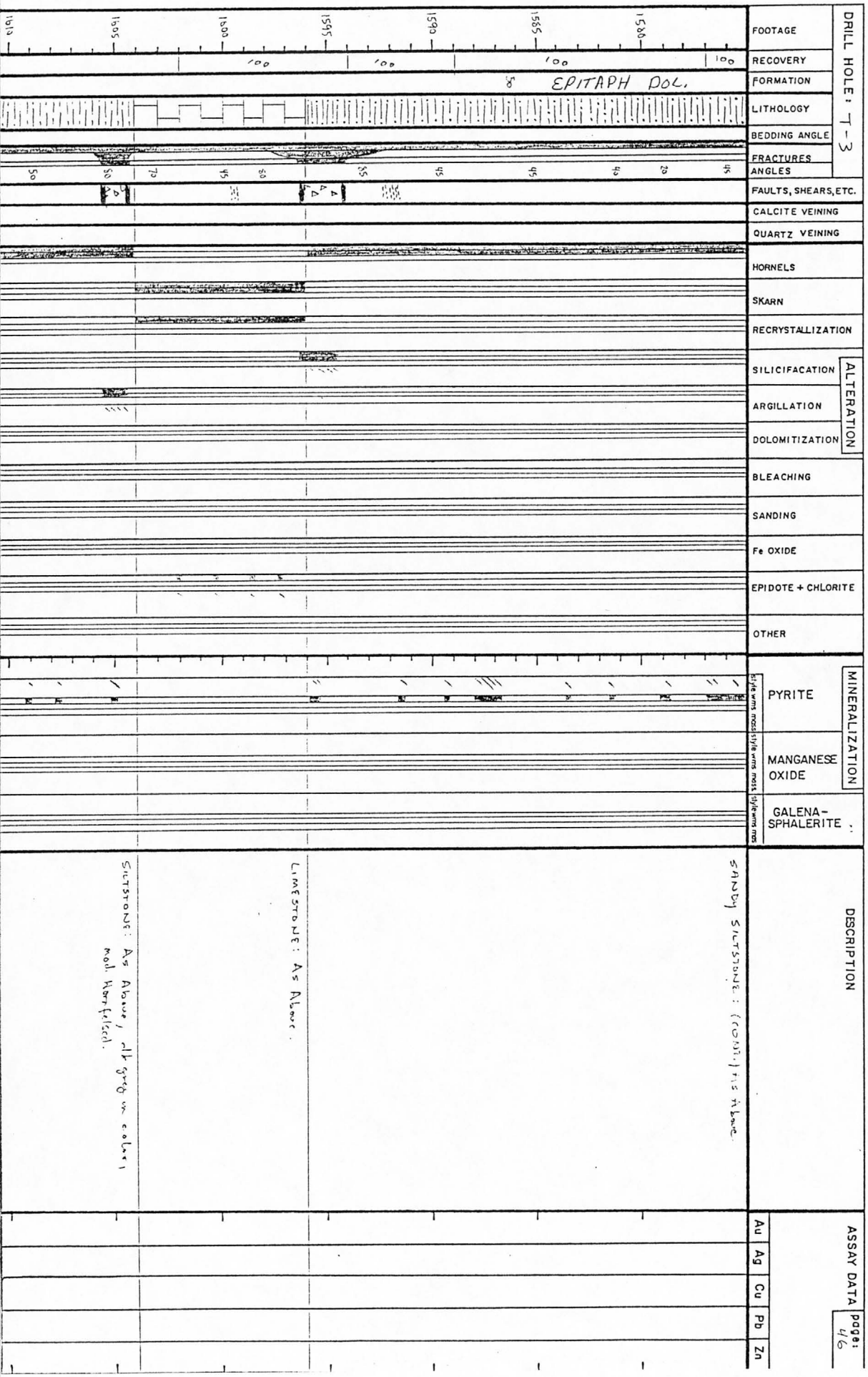

DRILL HOLE: T - 3
FOOTAGE
RECOVERY
FORMATION
EPITAPH DOL
LITHOLOGY
BEDDING ANGLE
FRACTURES
ANGLES
FAULTS, SHEARS, ETC.
CALCITE VEINING
QUARTZ VEINING
HORNELS
SKARN
RECRYSTALLIZATION
ALTERATION
SILICIFACATION
ARGILLATION
DOLOMITIZATION
BLEACHING
SANDING
Fe OXIDE
EPIDOTE + CHLORITE
OTHER
MINERALIZATION
PYRITE
MANGANESE OXIDE
GALENA-SPHALERITE
DESCRIPTION
ASSAY DATA
Au
Ag
Cu
Pb
Zn
page: 45


DRILL HOLE: T-3
FOOTAGE
RECOVERY
FORMATION
LITHOLOGY
BEDDING ANGLE
FRACTURES
ANGLES
FAULTS, SHEARS, ETC.
CALCITE VEINING
QUARTZ VEINING
HORNELS
SKARN
RECRYSTALLIZATION
SILICIFACATION
ARGILLATION
DOLOMITIZATION
ALTERATION
BLEACHING
SANDING
Fe OXIDE
EPIDOTE + CHLORITE
OTHER
PYRITE
MANGANESE OXIDE
GALENA-SPHALERITE
MINERALIZATION
DESCRIPTION
ASSAY DATA
Au
Ag
Cu
Pb
Zn
EPITAPH DOL.
SANDY SILTSTONE: (CONT.) AS ABOVE
LIMESTONE: AS ABOVE.
SILTSTONE: AS ABOVE, DK GRY IN COLOR, MOD. HORNFELSED.

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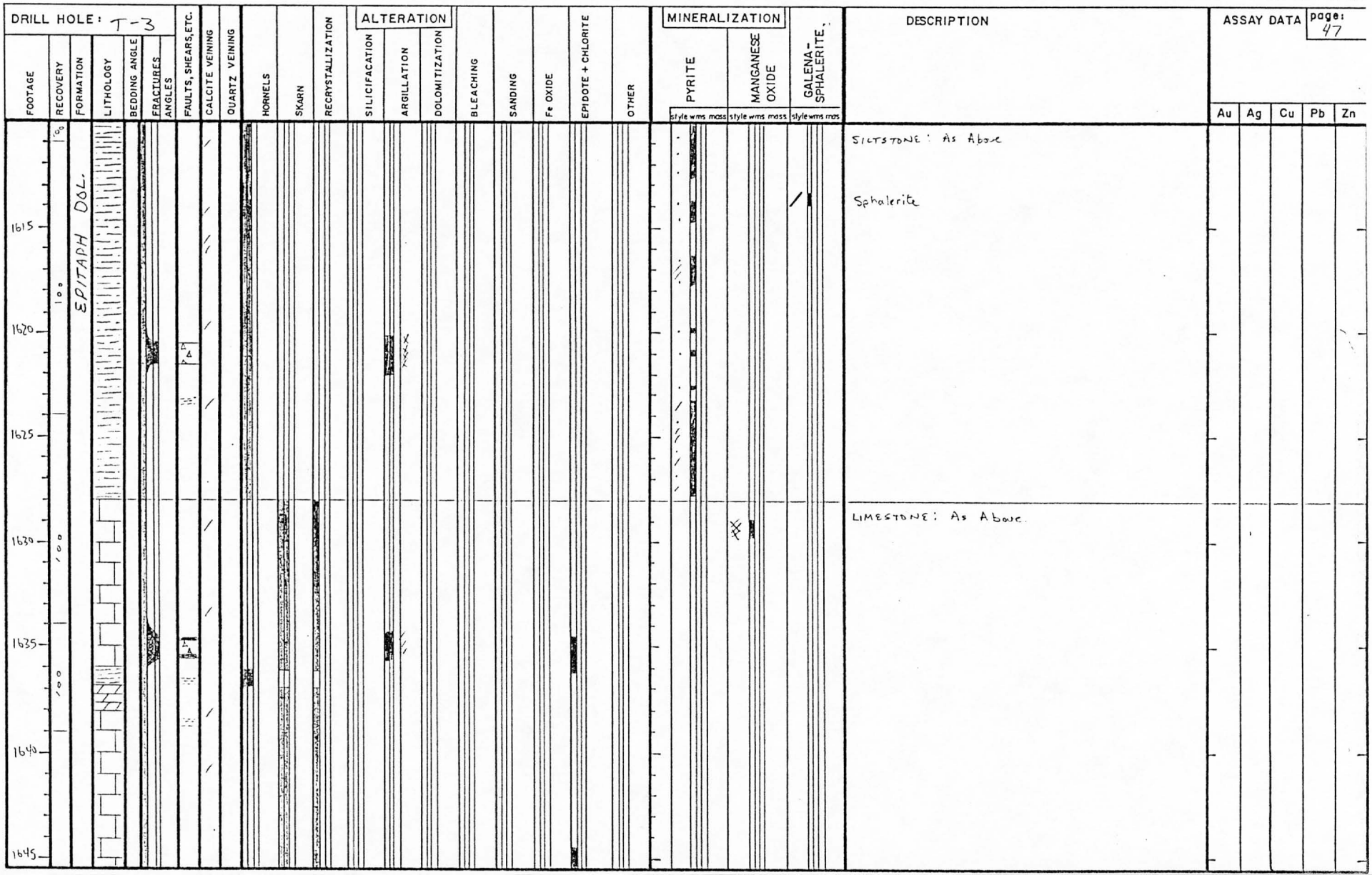
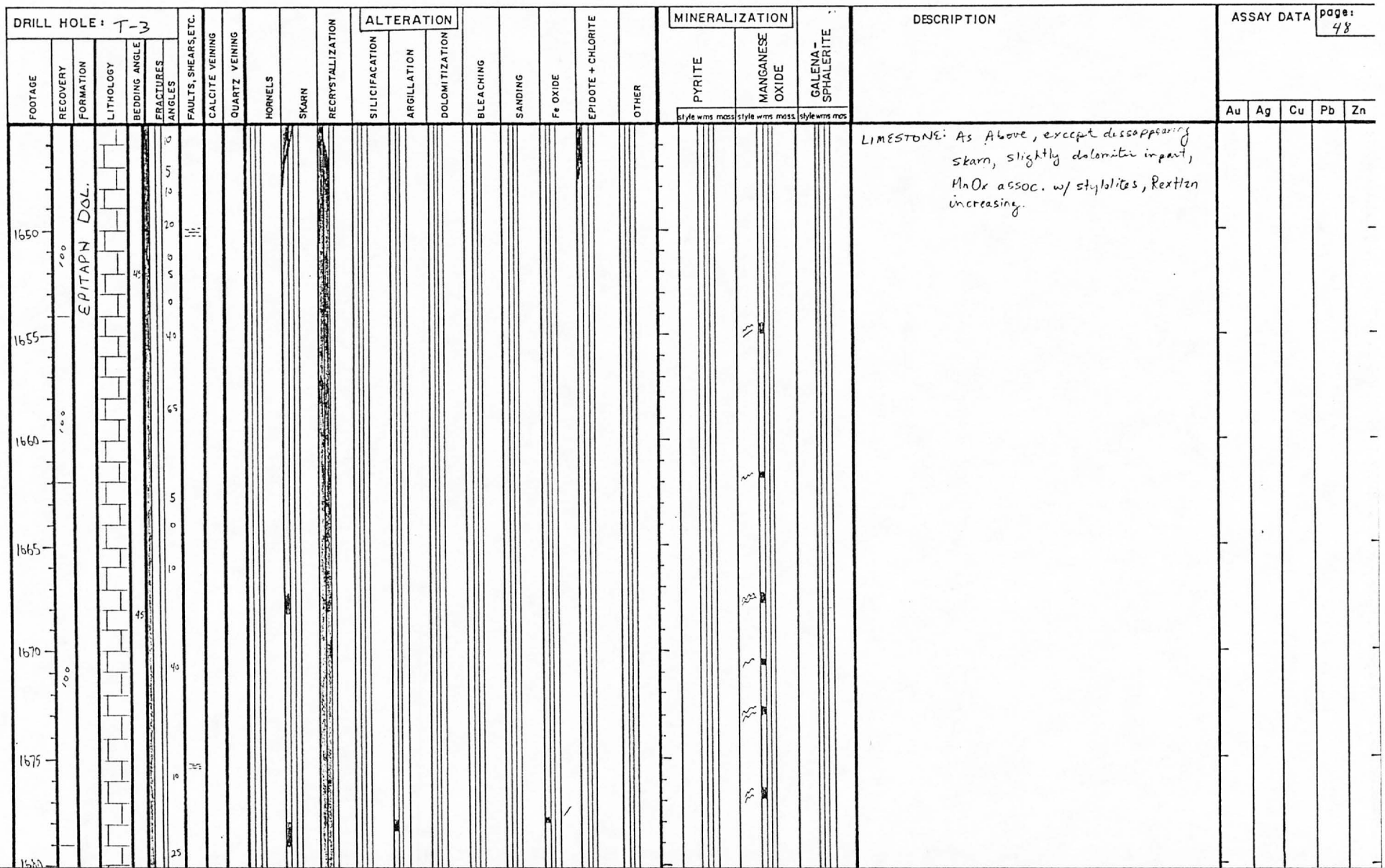
DRILL HOLE: T-3



DRILL HOLE: T-3



DESCRIPTION

LIMESTONE: As Above, except dissappearing skarn, slightly dolomitic impart, MnOx assoc. w/ stylolites, Rextlzn increasing.

ASSAY DATA

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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
1655	100	EPITAPH DOL.		45	10, 15, 30																		LIMESTONE: As Above, occasional stylolites, decreased or lacking in dolomite					
1660					45																							
1665					25																							
1670					15																							
1675	100				15																							
1680					30																							
1685																							SILTSTONE/SHALE: Dk green, grainy texture (Secondary minerals - unidentified) + occasional talc-chlorite.					
1690																												
1695																												
1700																												
1705																												
1710																												
1715																												

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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
1720		EPITAPH			20																		Siltstone/shale. As Above, Slightly calcareous.					
1725					10																		Talc assoc. w/ shear.					
1730																							Contact is gradational					
		COLINA			20																		Limestone: Snow white, massive, mod-strongly rextlzd, probably Top of COLINA:					
1735					15																							
					10																							
1740					40																							
					50																							
					30																							
1745					60																							
					50																		Argillite & FeOx 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	COLINA LS																					LIMESTONE (CONT) AS ABOVE, occasional stylolites, fractures & Bedding Sparse. 1784.5' → 1791' very coarsely rextlzd. (½" - 1" rhombs).					
1760																												
1765	100																											
1770																							finely dissem. galena & unidentified Silica Amphobole, minor MnOx					
1775	100			5°	45																							
1780																												
1785					15														N				TALC ASSOC. w/ stylolite.					

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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
1790		COLINA LS.																					(Note: stylolite mineralization may have originally been fracture controlled prior to pressure solution – stylolitization)					
1795	100																						GALENA + sphalerite					
1800																							Galena + pyrite					
1805					60 55 20																		Galena + pyrite					
1810	100				10																							
1815																												
1820																												

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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
1825	100	COLINA LS.			35																		LIMESTONE (CONT) AS ABOVE.					
1830																												
					35																							
1835																							galena - sphalerite					
					35																							
1840					30																		From 1851' → 1857' unidentified silica mineral (black) giving the core a spotty appearance.					
1845					60																							
1850					0																							
1855					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)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1860	100	COLINA			50																		LIMESTONE: (CONT.) As Above, stylolites					
1865					55																							
1870	100				50																							
1875					55																							
1880	100			55	5																		SILTSTONE/SHALE: Massive; Hornfelsed, Lt grey in color, v. Hard.					
1885					50																							
1890					45																							
					5																		LIMESTONE: As Above, except varying texltn & v. minor mineralization.					
					50																							
					5																							

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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
					20																		LIMESTONE: (CONT.) AS ABOVE, occasional stylolites.					
					65																							
1895		COLINA			50																							
				60																								
	100				10																							
1900					5																							
					10																							
					60																							
1905				55																								
					45																							
1910																												
	100				60																							
				55																								
1915					5																							
1920					45																		fusilins.					
1925																												

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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
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					45		/																					
1945	100				20		/																					
1950				55	30		/										//											
1955					45		//										/											
1960																							fusilins.					

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	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 mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
1965	100	COLINA		55	55																		LIMESTONE (CONT) As Above, Trace Pyrite Assoc. w/ fine fractures, (≤1%)					
					70																							
1970					55																		fusilins.					
	100				30																							
1975					30																		fusilins.					
1980					45																							
1985	100			55	45																							
1990					60																							
1995					55																							

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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	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: Au	Ag	Cu	Pb	Zn
	100	COLNA			45																		LIMESTONE: (CONT.) AS ABOVE.					
2000				55	55																							
2005																												
2010					70																							
	100																											
2015					55 5																							
2020				55	10																							
2025	100				45																							
2030																												

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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
2035					45																		LIMESTONE: (CONT.) As Above					
					0																							
2040	100	COLINA		55	0																							
					5																							
					10																							
2045																												
					35																							
2050																							Shale interbed					
					35																							
2055	100				70																							
					45																							
2060				55																								
					55																							
2065																												

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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)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
2070	100	COLUNA		55	55																		LIMESTONE: (CONT.) AS ABOVE.					
					1°																							
					5																							
2075					45																							
2080																												
2085	100				60																							
2090					15																							
2095																												
2100					40																							

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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
	100	COLUNA			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		/																					
							/	83																				
2135				40	10																							

DESCRIPTION: LIMESTONE (CONT) As Above, epidote-chlorite in part

ASSAY DATA

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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
2140	100	COCINA		60	45, 70, 40, 50																		LIMESTONE: (CONT.) As Above, dolomitic zone associated w/ Fault.					
2145				75	0, 5, 50, 50																		mildly sanded.					
2150					55																		Fe Ox Stained.					
2155	100																											
2160				45	50																							
2165					40, 55																							
2170																												

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
2175	100	COLNA			50																		LIMESTONE: (CONT.) As Above, occacional stylolites. MILD SANDING.					
2180					35																							
2185	100				45																							
2190					40																							
2195	100				35																							
2200				50	15																							
2205					40																							

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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
	100	COLINA			10		/																LIMESTONE: (CONT) As Above very uniform, lacking in alteration except rextln., lacking in mineralization.					
2210					5																							
2215							/ /																					
	100				35 50																							
2220					70																							
2225							/																					
					75																							
2230	100																											
2235					80																							
					60		/																					
2240					40																							

ASSAY DATA page: 64

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
		COLINA																					LIMESTONE: As Above					
2245					50																							
2250				55	60																							
2255					45																							
2260					35 50																							
2265					25 60																							
2270				55	10 0																							
2275					5																							

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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 (stylewms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
2250		COLINA		5	40																		LIMESTONE: As Above.					
2255					35																							
2290					40																							
2295					0 5 0 0 5																		SILTSTONE: As Above, minor pyrite					
2300				5	50 5 45																		LIMESTONE: As Above garnet-development(?)					
2305					0 70 35																		SILTSTONE: As Above. laminated, Vr hard.					
2310																												

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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
					0																		SILTSTONE. As Above.					
	100			6	15																							
2315		COLINA			45																							
2320				6	50																		LIMESTONE: As Above, except containing diseem & fracture controlled galena-sphalerite, H_2S gas w/applied HCl.					
	100				45																		SILTSTONE: As Above.					
2325																							LIMESTONE.					
2330					15																							
2335					30																							
2340	0			40	5																							
	100				30																							
2345																												

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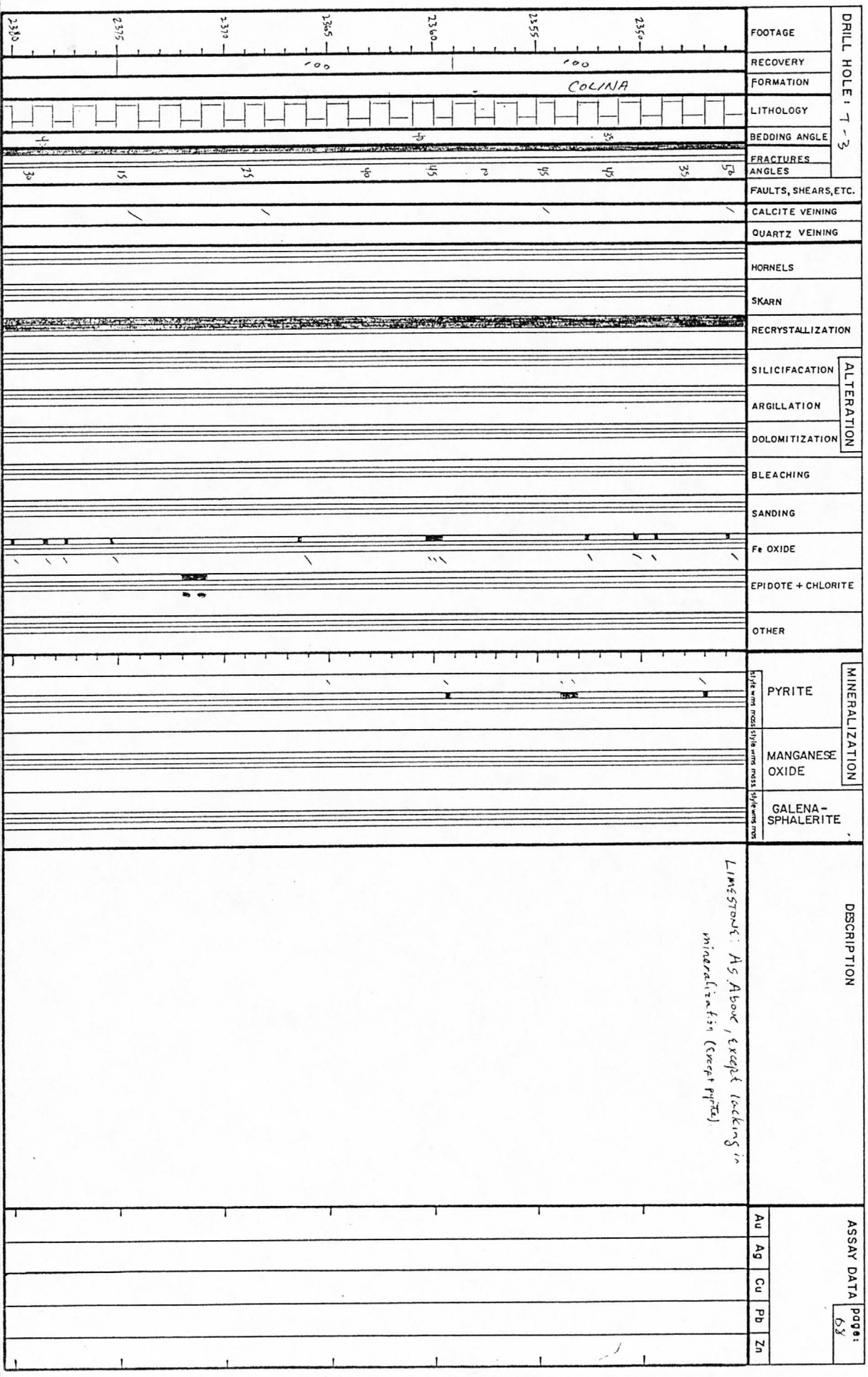
DRILL HOLE: T-3
FOOTAGE
2385
2375
2370
2365
2360
2355
2350
RECOVERY
100
100
FORMATION
COLINA
LITHOLOGY
BEDDING ANGLE
40
45
35
FRACTURES
ANGLES
30
15
25
40
45
50
45
45
35
50
FAULTS, SHEARS, ETC.
CALCITE VEINING
QUARTZ VEINING
HORNELS
SKARN
RECRYSTALLIZATION
ALTERATION
SILICIFACATION
ARGILLATION
DOLOMITIZATION
BLEACHING
SANDING
Fe OXIDE
EPIDOTE + CHLORITE
OTHER
MINERALIZATION
PYRITE
MANGANESE OXIDE
GALENA-SPHALERITE
stylo veins mass
DESCRIPTION
LIMESTONE. As above, except lacking in mineralization (except pyrite)
ASSAY DATA
Au
Ag
Cu
Pb
Zn
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DRILL HOLE: 7-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	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	ASSAY DATA Au	Ag	Cu	Pb	Zn
2385	100	COLNA		45	45		/										/						LIMESTONE: CONT. AS ABOVE.					
					70		/										/											
				45	55		/										/											
2390																												
2395	100				40																							
2400				35	35																		SILTSTONE: DK-grey, laminated w/v. thin occasional LS. beds.					
2405					40																		LIMESTONE: AS ABOVE.					
2410					45																							
2415					70																							

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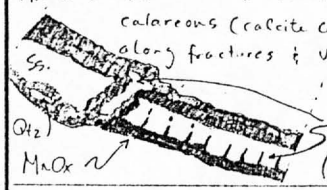
DRILL HOLE: T-3

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

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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	20	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
	100	EARP					/																LIMESTONE: (CONT.) As Above.					
							/																FRACTURE ZONE: No fault gouge, slickensides or breccia; minor argillation.					
2455							/																					
	100																											
2460							/																					
	66																											
2465							/																SILTSTONE: finely bedded v. fine siltstone, lt green, lt brown → dk green in color (Epidote - chlorite alteration in part). occasional fracture controlled pyrite, chlorite & later sphalerite - galena.					
	71																											
2470							/																					
							/																					
2475							/																					
2480	100						/																					
2485							/																					

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
2490	100	SARP			40, 60, 45																		SILTSTONE: (CONT.) As Above. (chlorite metacrysts ≃ 10" Thick).					
2495					5, 10, 5, 45																							
2500					50, 45																		LIMESTONE: As Above.					
2505	100			55	45, 60, 40																		SANDY-CALCAREOUS SILTSTONE: Sandy, Lt grey to off-white in color, mod. fractured.					
2510					70, 65																		MAP ≃ 13.7 o/T [ASSAY] LIMESTONE: As Above					
2515	100				70, 45, 90																		SANDY-CALCAREOUS SILTSTONE: As Above					
2520					30																		SILTSTONE: As Above.					

ASSAY DATA page: 72

DRILL HOLE: T-3

FOOTAGE	RECOVERY	FORMATION	LITHOLOGY	BEDDING ANGLE	FRACTURES ANGLES	FAULTS, SHEARS, ETC.	CALCITE VEINING	QUARTZ VEINING	HORNFELS	SKARN	RECRYSTALLIZATION	SILICIFACATION	ARGILLATION	DOLOMITIZATION	BLEACHING	SANDING	Fe OXIDE	EPIDOTE + CHLORITE	OTHER	PYRITE (style wms mass)	MANGANESE OXIDE (style wms mass)	GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
					45																		SEE PREVIOUS PAGE					
	100			50	55		/													/			SILTSTONE: As Above					
2525		EARP			60																	/						
					55															/								
2530					30		/	/																				
					5															/		/						
	100				30																							
2535																				/								
				45	30																							
							/													/								
2540					45																	/	V. fine Sandstone. Lt grey in color, hard, v. fine bedding, minor chlorite inclusions (metacrysts).					
							/													/								
2545					45																	/						
				51																			DOLOMITIC-LIMESTONE: massive, mottled, lt g Skarned, chlorite metacrysts, minor pyrite					
					51		/											/		/								
2550	100																	/										
					50															/								
					10															/								
2555					50		/																					

ALTERATION

MINERALIZATION

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)	MINERALIZATION: GALENA-SPHALERITE (style wms mas)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn

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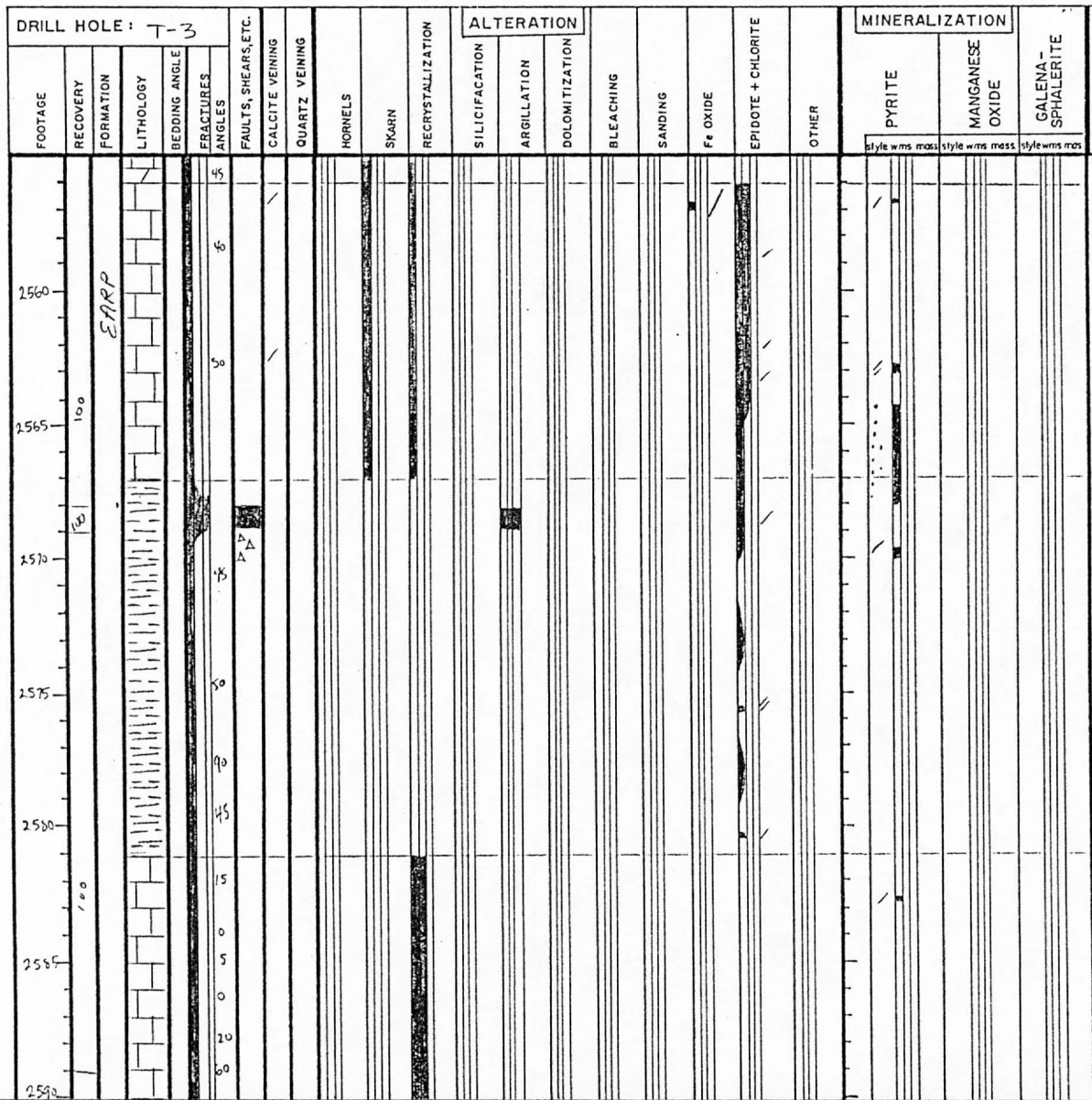

SEE PREVIOUS PAGE.

LIMESTONE: Emerald green → dk green in color, mod. Epidote-chlorite Alt. mildly skarned.

Breccia zone is healed.

SHALE: AS ABOVE.
fault gouge (M.A.P. (1.5 oPT)), (also sheared off diamond core-bit)

LIMESTONE: massive; lt grey; lt Rextln → coarse Rextln; skarned in part; v. minor mineralization; occasional stylolites.

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
																							LIMESTONE: (CONT.) As Above.					
					60																							
2595		SHARP		55																								
	100				45																							
2600																												
					50																							
2605																							poorly formed calc-silicate minerals (probably garnet).					
					55																							
2610	100			55																								
2615					50																		marblized; snow white in color; numerous Stylolites & possible silty beds (≈ 1"-2" thick).					
2620																												
					45																							
2625																												

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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
					55																		LIMESTONE: (CONT.) As Above.					
2630	100	EARP			50																							
2635				55	55																							
2640																							Ls. becoming grey in color.					
2645	100				50																							
2650																												
2655	100			55	50																							
2660	100			45	45 60																		SHALE: finely bedded; mod. hornfelsed; lt grey to dk green in color; calcareous in part (probably thin Ls. interbeds).					

ASSAY DATA

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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
																							SHALE: (CONT.) As Above					
																							LIMESTONE: As Above.					
2665	100	EARP		35																			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, ltly hornfelsed, v. thin pyrite along bedding & fractures, v. ltly calcareous 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																												
2695				5																			SHALE: As Above					

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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
					40																		SHALE: (CONT.) As Above, except becoming Silicated (v. hard).					
	100				30																							
2700		EXRP			30																							
2705																							LIMESTONE: As Above, except more skarning.					
					35																		SHALE: As Above, except decreasing epidote-chloritization.					
2710	100				30																		Shale becoming dk-grey in color, increasing amounts of pyrite.					
					35																							
2715																							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	EPKRP		55	60		/																LIMESTONE (CONT.) AS ABOVE.					
2740					50		/																SHALE: Lt → med. green in color, hornfels; 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																												
2750					55		/																					
2755	100			55	90		/																					
2760					60		/																Shale becoming Lt grey in color					
2765				55	50		/																					
					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
					70																		SHALE: (CONT.). As Above					
				55																								
2770	100																											
		EARP			70																							
					20																							
																							Silication decreasing (rock is softer)					
2775					55																							
																							LIMESTONE: Massive, Lt grey in color, skarned only near shale contact, dimenishing into ltly rextlzd LS. v. sharply (≃ 8"). interbed shale towards the bottom of this unit.					
					35																							
					35																							
2780																												
					55																							
				45																								
	100				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																												
					95																							
2795					30																							
				50	40																							
					60																							
2800																												

ASSAY DATA

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
					50		/																SHALE: (CONT.) As Above.					
	100																						LIMESTONE: As Above, except intermittant Skarning					
2805					45		/																					
		EIRP		55	50																		SHALE: As Above.					
2810																												
					40		/																					
2815	100				40		/																LIMESTONE: As Above.					
				60	55		//																					
					70																							
2820					5																		SHALE: As Above.					
					60		/																Pyrite << 1%					
					10		//																					
2825							/																LIMESTONE: As Above, except very strong Skarning w/ Tremolite: actinolite, lessuvianite					
					15		/																					
				60	60		/																					
2830					70		/																					
	100				65		/																					
				50	70																		SHALE: As Above, except w/ possible molybdenite(?) << 1% dissem.					
					75		/																					
2835				55	50		/																LIMESTONE: As Above.					

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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
					50																							
2840		FARP			45																							
					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.

[Z. 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)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
					50																		LIMESTONE: As above. Galena, sphalerite, pyrite & epidote (along possible skarn front).					
					25																							
					45			/															SILTSTONE: dark to buff in color, soft to v. hard, depending on silication amounts, v. uniform in texture, no apparent bedding.					
2875		SHARP																										
					45			/																				
								/															SHALE: As Above, except hornfels becomes irregular in places.					
2880	100				25			/																				
					15		/	/																				
								/																				
					5																							
2885								/																				
					5																							
								/																				
					10																							
2890																				/								
					85			/																				
					90																							
					85																							
2895	100																											
					75			/																				
								/																				
					50		/																					
					60																							
					50		/																					
2900																				S			Pyrite blob.					
					5																							
					70			/																				
								/																				
2905					5																							

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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 mass)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn

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2910
2915
2920
2925
2930
2935
2940

RECOVERY: 100, 100

FORMATION: SARP FM

FRACTURES ANGLES: 40, 50, 70, 70, 55, 60, 70, 70, 55, 75

SHALE: (Cont.) As Above.

LIMESTONE: As Above, except lacking in skarn, recrystlzd throughout. No appearant bedding.

SHALE: As Above

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

SHALE: As Above.

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
	100	EARP FM			80																		SHALE: (CONT.) As Above.					
					75																							
2945					45																		LIMESTONE: As Above.					
					50																		SHALE: As Above.					
2950					5																							
	100				60																							
2955																							LIMESTONE: As Above. galena = B. Sphalerite > pyrite (Skarn front mineralization)					
					45																							
					70																		SHALE: As Above.					
2960																							breccia zone healed by Qtz, some breccia pebbles are argillized. pyrite < 1%					
					70																							
					45																							
2965																							LIMESTONE: As Above, except skarn at contact only — galena = B. sphalerite > pyrite (mineralization between bedding of shaly units).					
					90																							
					60																							
					65																							
					60																							
2970	0				70																							
	0				15																							
					0																		SHALE: Lt grey — lt green in color, calcareous in part.					
					15																							
					60																		Qtz filled vugs: ≈ 1/4" - 1/2" long qtz xtls infilling large soln. vugs.					
2975					25																							

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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
2980	100	EARP FM			90 60 70 90 0																		LIMESTONE: As Above, except v. mild skarning at shale contact, Ls, partially argillized throughout this unit.					
2985					5 20																							
2990					65 50 0 5 70 40																							
2995	100				55 35 30 90 70																		LIMESTONE: As Above, occasional stylolites. (very carbonated). Qtz filled vugs (see above).					
3000																							TOTAL DEPTH = 3000'					
3005																												
3010																												

SANTA FE MINING
D.D.H. T-4

29255	T-2	2968.3	2969.0	4	41	296	360	0.65	11	1	367	1.09	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	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 ------>			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	%	%
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	422	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	18	929	8504	16197	7.34	14	16	1511	1.23	7	5	0.01	4	53	84	3	2	11	10.29	0.031	7	19	0.49	1	0.06	5	0.73	0.01
29260	T-2	3001.5	3002.5	4	63	352	308	5.15	7	1	595	1.03	3	5	0.02	3	116	2	2	2	18	15.69	0.028	18	21	0.07	7	0.09	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	18	15	0.18	11	0.06	12	0.29	0.02
29471	T-3	141.0	142.0	4	21	68	160	ND	8	4	3456	1.68	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	3642	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	89	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	58	288	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	32	ND	10	2	1982	1.94	27	5	ND	11	29	1	2	2	10	2.17	0.013	16	24	0.54	20	0.06	7	0.05	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	4396	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	49	102	373	6.75	5	5	3020	2.25	136	5	0.10	3	52	3	14	2	16	12.10	0.029	11	19	0.41	19	0.01	7	0.38	0.01
29484	T-3	179.0	180.0	2	42	60	414	7.86	3	2	5463	1.56	99	5	0.03	1	111	4	27	2	13	26.58	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	1.99	132	5	0.05	7	60	3	19	2	25	14.50	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	3.70	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	2815	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	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	3928	162.45	2	1	14441	1.34	142	5	0.14	1	253	87	240	2	16	17.46	0.004	12	13	1.55	50	0.01	4	0.19	0.01
32668	T-4	1220.0	1221.0	11	110	973	982	75.36	6	1	3837	0.80	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	3420	1.36	64	5	0.01	1	82	9	34	2	18	7.33	0.010	4	22	1.51	78	0.01	18	0.66	0.01
32670	T-4	1222.0	1223.0	16	74	618	1246	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	3296	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	296	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	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	11880	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	0.84	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	7236	1.24	1401	5	0.07	1	176	34	136	2	24	34.45	0.005	4	5	0.26	1	0.01	2	0.08	0.01
32678	T-4	1469.5	1470.5	414	184	23066	1783	97.24	5	2	9143	1.56	254	6	0.07	1	185	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	6570	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	0.83	18	0.01	3	0.11	0.01
32681	T-4	1637.0	1638.0	6	6	904	549	1.34	1	1	8399	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	2290	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	5.33	1	1	1316	0.26	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	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	11883	2.44	24	5	ND	1	402	10	17	2	6	36.16	0.004	3	5	0.23	184	0.01	2	0.15	0.01

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	68.80	27.6	0.1	0.2	0.2	0.8	560
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.

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 %
DRILL ELEMENT ------>																															
32687	T-4	1919.0	1920.0	1	35	770	1300	0.82	5	2	5822	0.93	36	5	0.21	1	1252	9	2	2	10	23.03	0.001	3	7	2.16	9	0.01	3	0.48	0.01
32688	T-4	1920.0	1921.0	3	60	3459	3507	ND	6	2	7900	1.64	33	5	0.17	1	388	23	12	2	16	13.20	0.002	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	0.001	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	107	9	2	16	11.88	0.023	7	32	1.69	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	105	61	202	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	160	5582	5369	18.07	18	6	1122	1.98	38	5	0.24	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	20.80	0.039	16	20	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	20	100	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	1.05	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	0.50	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	1.20	16	6	0.06	1	71	55	5	2	14	20.58	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	70.59	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	8034	17.04	23	13	892	2.34	10	5	0.05	4	94	51	13	2	19	9.94	0.001	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	10	2	2998	1.00	5	5	0.01	3	49	3	7	2	6	6.60	0.064	9	24	0.90	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	3	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	8.70	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	9067	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	1.20	7	5	0.01	4	50	2	2	2	10	8.37	0.068	13	36	1.22	38	0.05	10	0.87	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	406	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	10	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	4.80	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	0.030	9	9	0.20	1	0.03	40	0.29	0.01
32639	T-5	997.0	998.0	2	31	2069	1766	5.11	7	1	2275	0.70	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	1000.0	1001.0	5	45	2538	3652	5.93	5	1	3137	0.64	19	14	0.07	1	98	27	10	2	10	18.11	0.031	15	18	0.84	10	0.07	119	0.56	0.01
32641	T-5	1003.7	1005.7	4	38	184	154	9.46	12	1	1374	1.08	6	5	0.01	4	31	1	2	2	5	8.60	0.042	8	25	0.52	21	0.07	7	0.16	0.01
32642	T-5	1004.7	1005.7	2	38	2671	4539	8.91	12	2	4174	0.90	19	5	0.02	4	61	40	5	4	15	12.72	0.037	9	28	1.45	19	0.09	14	0.36	0.01
32643	T-5	1005.7	1006.7	2	27	415	587	2.37	15	3	4455	0.99	29	5	ND	4	62	5	2	2	13	12.72	0.044	9	30	1.46	17	0.10	13	0.27	0.01
32644	T-5	1014.0	1015.0	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	0.20	0.01
32645	T-5	1015.0	1016.0	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	1016.0	1017.0	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	1017.0	1017.5	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	18.80	0.079	3	16	0.14	3	0.02	4	0.27	0.01

PRINTED IN U.S.A.

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
33900	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

T-4

T-5

14 12 G.B.

DESCRIPTIVE STATS

SAMPLE	DRILL ELEMENT ------> 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	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	450.4	2435.8	2730.8	31.955	9.3	3.9	3948.9	1.542	41.0	5.1	0.078	2.2	292.6	24.0	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	107.6	0.6	0.433	2.0	632.3	60.9	40.2	11.0	38.2	10.711	0.0261	7.7	13.5	1.4	130.2	0.028	53.7	0.706	0.011
MIN.		140.0	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	33438	54880	2043	50	66	41694	17.5	1401	14	4.02	11	6286	535	344	158	570	39.86	0.181	72	151	11.09	1886	0.17	680	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	1430.0	2642.9	56.783	10.8	5.5	3344.8	2.557	38.0	5.0	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	0.020	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	56.0	0.0	0.156	2.2	1225.9	80.7	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.		1307.5	1308	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	6082.7	22.128	11.7	6.3	1299.9	1.296	15.1	5.0	0.042	2.0	325.5	37.4	10.2	7.4	11.5	16.650	0.018	8.8	17.4	1.6	83.6	0.039	10.7	1.186	0.017
ST.DEV.				13.5	4250.0	9338.7	12727	72.426	11.5	10.3	1362.5	1.202	24.0	0.0	0.168	2.1	421.2	78.6	23.5	25.3	8.3	11.060	0.014	6.1	12.8	2.0	288.4	0.038	11.0	1.116	0.020
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	33438	49379	462.72	47	66	6529	6.63	152	5	1.09	7	1995	306	130	158	33	38.02	0.055	27	52	11.09	1886	0.17	60	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	3.130	5.8	2.5	3241.1	1.761	64.8	5.0	0.045	4.3	84.9	2.4	8.6	2.0	14.3	14.980	0.029	14.3	16.0	0.5	23.0	0.042	22.8	0.550	0.017
ST.DEV.				1.0	15.5	64.2	137.2	3.985	2.8	1.3	1261.5	0.637	64.6	0.0	0.074	3.5	31.3	1.1	9.4	0.0	14.5	6.610	0.025	4.7	5.2	0.4	14.3	0.022	25.6	0.301	0.011
MIN.		140	141	1	18	2	30	0	2	1	1569	0.79	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	60	28.58	0.093	22	25	1.79	60	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	1.101	95.9	5.0	0.055	1.2	252.8	45.9	38.9	2.4	26.6	25.564	0.015	6.0	13.4	1.1	29.8	0.018	6.1	0.525	0.010
ST.DEV.				300.5	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	71.0	75.7	1.6	85.5	18.137	0.017	4.2	10.2	0.8	40.4	0.020	7.3	0.599	
MIN.		1219	1220	1	4	25	60	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	23066	14196	1107.2	29	13	41694	5.2	1401	6	0.27	4	1252	427	344	12	570	38.76	0.081	18	33	3.19	194	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	8.0	2.2	5809.6	1.026	17.6	5.2	0.141	1.8	117.2	10.0	9.5	2.5	6.9	20.080	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	17.0	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	12.0	0.029	92.6	0.518	0.010
MIN.		984	985	1	5	15	26	0	1	1	197	0.09	3	5	0	1	21	1	2	2	1	3.49	0.004	2	2	0.01	1	0.01	2	0.03	0.01
MAX.		2564	2565	10	2354	9487	17423	627.33	50	17	37615	12.06	80	14	4.02	7	495	100	178	12	41	39.21	0.101	19	151	2.65	63	0.17	680	3.93	0.09

PRINTED IN U.S.A.

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	3.89	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	308.9	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			15, 5, 20, 15, 10, 30, 25		/ /															
10	100				15, 15, 15		/															
15	100			25	50, 35, 45		/ /															
20	100				15, 10, 10, 15		/ / /															
25				15	25, 25, 35, 5, 30, 15, 15, 30		/ / / /															
30	100																					
35					45, 40		/															

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

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
					15		/																SILTSTONE: As above, except more consistent; v.fine Ss → v.fine Siltstone, Lt grey to grey green in color.					
				30																								
					40		/																					
40	100	Arkose																					Sandstone: very little arkosic matterial >90% Qtz fragments; Lt grey → grey green in color, some minor Epidote alteration. Calcareous					
					45		/																					
	100				40		/																SILTSTONE: As Above, occasionally arkosic; Calcareous in part.					
45				30	30																							
					5		/																					
				15	10		/																					
50	100																						Fault gouge: Lt FeOx staining; Fault appears to be @ 10° to core axis (high angle Fault).					
					10																							
				25	5																							
					15																							
55																												
					45		/																					
60	100																											
					60																							
				35																								
					40		/																					
65																												
					30																							
					30																							
					35		/																					

page: 2

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)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
	100			25	45		/																SILTSTONE: As Above. Hornfels, when present, is v. weak.					
					30		/																					
75		BISBEE			50		/																					
					70																							
	100																											
80					45		/																					
																							Conglomerate interbed (gradational), fragments are angular to subangular ≃ 1/4" max. size, Qtz.					
85				20	65		/																					
					50		/																					
					90		/																					
90					90		/																					
				20	70		/																					
95																							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 recxtln & silication (?). no apparent bedding.					
					70		/																					
100					30		/																					
105					45		/																					

ASSAY DATA page: 4

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)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	BISBEE FM			15		/																LIMESTONE: (CONT.) As Above, except silty content changing to Ss size fragment (prob. Qtz).					
	100				80		/																					
110																							LIMESTONE: massive, Lt grey → Lt green in color; Sandy; mostly Qtz fragments, no apparent bedding					
					75																							
115																												
					60		/																very little fracturing.					
120	100				0																							
					5		/																No mineralization					
					0		/																					
125					0																							
					10		/																					
130																							LIMESTONE: Lt grey in color; silty; v-hard;					
					20		/																					
					15		/																Sandy component may have primary Qtz over growths w/ final pore cementation by calcite.					
135					15		/																					
					70		/																LIMESTONE: massive, Lt grey → Lt green in color, Ss to possibly a Calcareous Ss.					
					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)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
																							conglomerate: (CONT.) As Above					
					70																		SANDSTONE: massive; grey brown in color; pred. Qtz cemented by possibly Qtz overgrowths & final calcite cement.					
145	100	BISBEE			55		/																					
150	100																											
	100						/																					
					60																							
155							/																					
160	100				65		/																siderite fracture fillings (see "other").					
					45														/									
165	100						/																Sandy SILTSTONE: lt grey green to dk green in places, sand constituent is mostly Qtz. v. ltly calcareous. does not appear to have been hornfelsed.					
					45																							
				15			/																					
170	100				60																							
							/																					
175					50		/																					

ASSAY DATA page: 5

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
		BISBEE FM			5																		SANDY SILTSTONE: AS ABOVE					
					10																		Sandstone: massive, lt grey green in color; cut by high angle structures. minor MnOx dendrites mildly reactive to HCl acid.					
					5																							
				0	45																							
180	100				60																							
					10																							
				0	0																							
185					10																							
					5																							
					0																							
	100				0																							
190					5																							
				0	10																							
					45																							
195					0																							
					70																							
					60																							
200	100				0																							
				0	5																							
					15																							
					0																							
205					5																							
				5	20																							
					30																							
210				0																								

ASSAY DATA page: 6

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																								

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
		BISBEE FM																					SANDY SILTSTONE: (CONT.) As Above					
250	100			15	35		/	/																				
					15		/	/																				
				0	0		/	/																				
					20		/	/																				
255				0	70		/																					
260	100			5	15		/	/															SANDSTONE: As Above, occasionally becoming v. fine grained, bedded; (v. v. minor epidote altn.) MnOx assoc. w/ argillation occurring in fractures (minor).					
					0		/	/																				
				5	5		/	/																				
265				5	15		/	/					/								ϕ							
																					ϕ							
					35		/	/					/										NOTE: DUE TO THE EXTREME bedding angle, a page of log may only represent a foot or so of Stratigraphic Section. (when bedding is near zero)					
270	100			0																	ϕ							
					60								/															
							/														ϕ							
275				0									/															
					50		/						/								ϕ							

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)	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		/						/								ø							
285				5																								
					70		/						/								ø							
290	100																											
				0																	ø							
					45		/						/															
295				0																								
	100																				ø							
					90		/						/															
300				5																								
	100																											
																					ø							
305																												
					70		/						/															
				0	45		/						/								ø							
310	100																											
					40		/						/								ø							
					30		/						/															

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
																							SANDSTONE: (CONT.) As Above.					
				0																			← 1/4" Qtz vein					
320	100	BISBEE FM			70		/						/															
					40		/						/															
				C																								
325					90		/						/															
				0																								
330	100				5		/						/															
				5																								
335					5		/						/															
				0																								
340	100			0																								
			0·0·0 ·0·0 0·0·0 ·0·0 0·0·0																				CONGLOMERATE: MOST ANGULAR Ss. Fragments; Sandy matrix; Large Clast size = 1½"					
345					0		/																SANDSTONE: As Above.					
				0	5		/						/										Sandy- SILTSTONE: Brown → grey green in color; finely bedded, fractures following bedding; argillation along fractures, no mineralization.					
					30								/															
					5		/						/															
350					0		/						/															

ASSAY DATA page: 10

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
	100	BISBEE FM		0	60		/						/										SANDY-SILTSTONE: (CONT) AS above.					
																							Gradational contact					
355				5	15		/						/										SANDSTONE: massive, lt grey → med grey green in color; coarse near upper contact, med-fine grained, pred. Qtz Sand. v. hard. occasionally silty. where silty v. mildly hornfelsed; Siderite at 363' (see under "other").					
	100			0	20		/						/															
360					50		/						/															
				0	75		/																					
365				5	90		/						/															
	100				45		/						/															
370				5																								
					65																							
375							/						/															
					70																							
380	100																											
					60		/						/															
					50																							

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
		BISBEE FM			45		/						/										SANDSTONE: (CONT.) As Above.					
				0	90		/						/										No mineralization of any kind.					
390	100				0																							
					5																							
				0																								
395													/															
	100			5	0		/																					
400					5																		conglomerate intruded.					
					5																							
					90		//	/																				
405				5									/															
	100				55		/																					
410					70																							
					70		/						/															
415				0	15		/																					
					0		/																					
					5		/						/															

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
	100	BISBEE FM																						SANDSTONE: (CONT) As Above.					
425																													
430	100																												
																								SANDY-SILTSTONE: Finely bedded, lt grey to dk grey in color; bedding near Ø degrees to core axis; occasionally sandy in part. V. lthly hornfelsed					
435	100																												
440	100																												
445																													
450	100																												
455																													

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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)	DESCRIPTION	ASSAY DATA Au	Ag	Cu	Pb	Zn
				5	90		/																SILTSTONE. (CONT) AS ABOVE. (SANDY)					
460	100	BISBEE FM																										
				5	75																		SANDSTONE: AS ABOVE, coarse in places, silty in places.					
				0																								
465					60		/						/															
	100				70																							
470					5		/						/															
				5																								
475					40		/						/															
	100																											
					10		/																					
480					0																							
													/															
					45		/																					
485																												
				5																								
					50																							
					15		/																					
490					60		/						/															

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
	100	BISBEE FM		0	45		/																SANDSTONE: (CONT.) As Above.					
495					90		/																					
	100			5	90		/																					
500	100			0																								
505	100				45		/																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. lt. Secondary calcite cement throughout; in places complete epidote replacement of fine matrix.					
510					50		/																					
515	0																											
520	1				45		/																					
525																												

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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 mass)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
		BISBEE FM																					CONGLOMERATE: (CONT.) As Above.					
					20		/																					
530	100				90		/																Pyrite assoc. w/ shaly or Siltstone rock fragments.					
535																												
540	100				90		/																					
545																							SANDSTONE: As Above, except occasional epidote-chlorite alteration.					
	100				90		/																					
550					55		/																					
					90		/																					
555	100				50		/																					

ASSAY DATA page: 16

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
	100	BISBEE FM		10																			SANDSTONE: As Above.					
					45		/																CONGLOMERATE: As Above, except clast size is much larger, up to 6" in size.					
565																												
	100																											
570					50		/																very lt. fracturing					
575																							pyrite assoc. w/ rock fragments.					
	100																											
580					45		/																					
				10	45		/																					
585																												
					40																							
590	100																											
					40																							
595																												

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.					
605					45																							
610	100				90																		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																							
630																												

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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
																							SANDY LIMESTONE AS ABOVE.					
					40																		CONGLOMERATE: fine sand size fragments & Gravel matrix, Siltstone & limestone pebbles & Cobbles. Qtz & Calcite cemented; occasionally epidote altered clasts. No measurable bedding angle; No Mineralization.					
635																												
	100	WISPEE FM																										
640					50																							
645																												
					90																							
	100																											
650					50																							
655					70																							
660	100	EPITAPH DOL			40													✓					SILTSTONE. massive to finely bedded, v. dk green in color; mildly hornfelsed; Silicated (v. hard). minor epidote alteration through out. No mineralization					
665																												

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)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
					40		/																SILTSTONE: (CONT.) As Above.					
670	100	EPITAPH DOL.		10	70		/																No Mineralization					
					0																							
675					90		/																					
	100				0																							
680					5																							
					10		/																					
685				10	90																							
690	100				40																							
					50		/																					
					50																							
695				10	15																							
					30																							
					0																							
700					90		/																					

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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)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
	100	EPITAPH DOL.			5		/																SILTSTONE: (CONT.) As Above.					
				10	15																							
705																												
													/															
710	100				90		/																					
					20																							
715				10																								
					5																							
					5																							
720	100																											
					90		/																					
725					75																							
					45																							
730	100			10	10																							
					5		/																					

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)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
740	100	EPITAPH DOL.		10	15		/																SILTSTONE: (CONT.) As Above.					
					30																							
745				5	5																							
750	100				5		/																					
					20		//																					
755				5	90																							
760	100				15		/																					
					5		/						X															
765					55		/						X															
					75		/						X															
					30		/						X															

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
775	100	EPITAPH DOL.		5	0, 5, 30, 45, 60, 15																		SILTSTONE: (CONT.) AS ABOVE.					
780	100				55, 60, 45, 80, 75, 60, 0, 5, 10, 70, 55, 90, 45, 50, 45																							
785	100																											
790	100			5																								
795																												
800	100			5	0, 5, 15, 90, 70																							

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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
810	100	EPITAPH DOL.		5	30		/											/					SILTSTONE: (CONT.) AS ABOVE.					
					90													/										
				0	70		/											/										
					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	TOO NUMEROUS TO MEASURE													/										
830	100																	/										
835					90		/											/										
					5																							
					35																							
					60		/											/										
				5	20		/																					

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DRILL HOLE: T-1

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: Au	Ag	Cu	Pb	Zn
	100	EPITAPH DOL		5	35		/																SANDSTONE: (CONT.) As Above, except END OF SILICIFICATION, unit becoming more silty					
					60																							
845					5		/																					
					90																							
					0																							
	100			5	75		/																					
					15																							
850																												
855																												
860	100				TOO NUMEROUS TO MEASURE								X															
													X															
													X															
													X															
865													/															
													X															
													/															
													X															
													/															
870	100												X															
													/															
													X															
																							SILTSTONE: As Above, except increasing					

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)	DESCRIPTION	ASSAY DATA: Au	Ag	Cu	Pb	Zn
880	100	EPITAPH DOL.			50, 40, 90, 30, 60, 65, 20, 0		/																SILTSTONE: (CONT.) AS ABOVE.					
885					5, 45, 25																							
890	100				60, 90, 45, 40, 0		/																					
895					30, 65, 5																							
900	100				10, 50, 55, 70, 30, 50, 55, 50, 10		//																LIMESTONE: Massive; white → lt green in color; strongly argillized in places, where it is not argillized it is mod. altered by epidote-chlorite					
905	100				35, 50, 60, 70, 70, 45		/																					