PROPERTY Tommy Jack Cr
GRID

DIAMOND DRILL LOG

HOLE No. 1
SHEET 1 OF 5

Tommy Jack
94D/4E

Abbreviations:
qtz = quartz
py = pyrite
gn = galena
sl = sphalerite
NS = No sample

LOCATION
DATE COLLARED Dec. 3, 1968
DATE COMPLETED Dec 4, 1968

BEARING Vertical
LENGTH 259 ft.
DIP Vertical

LATITUDE
DEPARTURE
ELEVATION ~2600

CORE SIZE BQWL
SCALE OF LOG 1" = 10'
REMARKS

LOGED BY W.D. Thompson
DATE Dec. 5, 1968

521604

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	FOOTAGE	STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	~~GRAMS~~ OZ AU	OZ GRAMS AG	PERCENT ~~CU~~ Cd	Pb	Zn	ESTIMATE OF GRADE
		0						x	x		x	x	
Casing				Casing									
Greywacke, med.gr.				Rock coras well									
Argillite				Rock broken, rubble			NS						
		10		Bedding prominent in argillite									
Argillite						80	NS						
Small Bed of Greywacke				Bedding prominent throuout									
		20											
Argillite						93	NS						
Greywacke				Small quartz veinlets gn p to 1/4"									
Argillite, Very black		30		Numerous veinlets									
				Minor sphalerite			NS						
Vein 33-36				Vein, 33-36 qtz-sl-gn-py		55	03701						
Greywacke							NS						
Vein		40		Vein 40-41			03702						
Greywacke													
Black argillite and thin beds of greywacke				Bedding prominent		91	NS						
		50											
Well bedded greywacke				Bedding Prominent		97	NS						

PROPERTY Tommy Jack
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DIAMOND DRILL LOG

HOLE No. 1
SHEET 2 OF 5

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	ASSAY RESULTS: OZ ~~GRAMS~~ AU	ASSAY RESULTS: OZ ~~GRAMS~~ AG	ASSAY RESULTS: PERCENT CU	ASSAY RESULTS:	ASSAY RESULTS:	ESTIMATE OF GRADE
Greywacke with thin beds of black argillite		6		1 inch qtz-sl-gn Bedding Prominent		94	NS						
Greywacke		70		¼" qtz-sl-gn									
Black argillite				Bedding Bedding Few small qtz veinlets parallel to bedding.		88	NS						
Black argillite		80		Bedding Prominent		100	NS						
~~Greywacke~~		90											
Greywacke				Bedding prominent		94	NS						
		100											
Greywacke				¼" qtz veinlets		94	NS						
		110											
Greywacke				quartz ½" qtz 2" qtz-sl		100	NS						
Black argillite		120											

PROPERTY Tommy Jack
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DIAMOND DRILL LOG

HOLE No. 1
SHEET 3 OF 5

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	ASSAY RESULTS: OZ ~~GRAMS~~ AU	ASSAY RESULTS: OZ ~~GRAMS~~ AG	ASSAY RESULTS: PERCENT ~~LB~~ Cd	ASSAY RESULTS: Pb	ASSAY RESULTS: Zn	ASSAY RESULTS: ESTIMATE OF GRADE
Black argillite		120											
Greywacke				Bedding		100	NS						
		130											
Greywacke				Small quartz veinlets 4" quartz		100	NS						
Greywacke		140		Bedding obscure									
Greywacke				~~Mas~~ Thick bedded 1/4" qtz-sl		100	NS						
		150		1/4" qtz-sl									
Greywacke				Thick bedded		100	NS						
		160											
Greenish - med grained greywacke				4" qtz - some sl.		93	NS						
Greywacke		170											
Greywacke				quartz stringers 1/16" to 1/4"		100	NS						
~~Argillite~~		180											

PROPERTY Tommy Jack
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DIAMOND DRILL LOG

HOLE No. 1
SHEET 4 OF 5

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	ASSAY RESULTS: OZ ~~GRAMS~~ AU	ASSAY RESULTS: OZ ~~GRAMS~~ AG	ASSAY RESULTS: PERCENT ~~CU~~ Cd	ASSAY RESULTS: % Pb	ASSAY RESULTS: % Zn	ESTIMATE OF GRADE
Argillite		180		scattered pyrite and pyrite veinlets									
				¼" veins with sl-qu-qtz.		99	NS						
Greywacke				Bedding									
		190		½" qtz - minor sl.									
Greywacke				qtz veinlets		100	NS						
		200											
Greywacke				Massive bedding		89	NS						
		210											
Greywacke				quartz veinlets, ¼"		96	NS						
				½" qtz									
		220		¼" qtz with sl									
Greywacke				½" qtz		94	NS						
		230											
Argillite				qtz veinlet, ¼" with sl.									
Greywacke						100	NS						
		240											

PROPERTY Tommy Jack
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DIAMOND DRILL LOG

HOLE No. 1
SHEET 5 OF 5

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	~~GRAMS~~ OZ AU	~~GRAMS~~ OZ AG	~~PERCENT CU~~ Cd	Pb	Zn	ESTIMATE OF GRADE
Greywacke		240		Bedding									
Black argillite				Bedding		88	NS						
		250											
Black argillite				Veinlets 1/2" qtz									
Interbedded graywacke and argillite				Quartz veinlets Minor sl veinlets		92	NS						
				End Hole 259 ft									
		260											

PROPERTY Tommy Jack Cr.
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DIAMOND DRILL LOG

HOLE No. 2
SHEET 1 OF 1

LOCATION
DATE COLLARED Dec. 4, 1968
DATE COMPLETED Dec. 4, 1968

BEARING Southwest
LENGTH 51
DIP -70

LATITUDE
DEPARTURE
ELEVATION ~2600

CORE SIZE BQWL
SCALE OF LOG 1" = 10'
REMARKS

LOGED BY W. D. Tompson
DATE Dec. 6, 1968

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	FOOTAGE	STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	~~GRAMS~~ OZ AU	~~GRAMS~~ OZ AG	PERCENT CU			ESTIMATE OF GRADE
Casing to 11		0		Casing to 11 ft.			NS						
Greywacke		10		Rock broken, rubble		64	NS						
Greywacke		20		Rubble 24-25'		78	NS						
Thin argillite				¼" quartz Bedding									
Greywacke Thin Bed argillite		30		Thin quartz - 1/16" ¼" veinlets sphalerite & galena - NOTE									
Black Argillite				Rock has cross fractures and 1/16" quartz veinlets Bedding		92	NS						
Greywacke		40		Bedding									
				¼" qtz-sl-qn		89	NS						
Argillite		50		¼" sl-py-qn End of Hole									

PROPERTY [illegible]
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DIAMOND DRILL LOG

HOLE No. 5
SHEET 1 OF 7

LOCATION
DATE COLLARED Dec. 5, 1968
DATE COMPLETED Dec. 7, 1968
BEARING Vertical
LENGTH 517'
DIP Vertical
LATITUDE
DEPARTURE
ELEVATION ~2600
CORE SIZE BQWL
SCALE OF LOG 1" = 10'
REMARKS
LOGED BY W.D. Tompson
DATE Dec. 6, 7, 1968

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	FOOTAGE	STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	OZ ~~GRAMS~~ AU	OZ ~~GRAMS~~ AG	PERCENT ~~CU~~	Pb	Zn	ESTIMATE OF GRADE
Casing		0		Casing									
Greywacke													
		10	Rubble										
Greywacke						35	NS						
				¼" qtz veinlet									
~~Argillite, Black~~		20											
Argillite						100	NS						
				Bedding									
Greywacke		30											
				Bedding									
Greywacke						100	NS						
				½" quartz									
		40											
Greywacke				½" qtz - minor py.		100	NS						
		50		½" qtz veins Some arsenopyrite from 50 to 53									
Greywacke				¼ - ½" qtz veinlets		91	NS						
Greywacke Argillite													

PROPERTY Tommy Jack
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DIAMOND DRILL LOG

HOLE No. 3
SHEET 2 OF 9

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	ASSAY RESULTS: ~~GRAMS~~ OZ AU	ASSAY RESULTS: ~~GRAMS~~ OZ AG	ASSAY RESULTS: PERCENT CU	ASSAY RESULTS: Pb	ASSAY RESULTS: Zn	ASSAY RESULTS: ESTIMATE OF GRADE
Black argillite		60		1/32" quartz									
				Films qtz — Pyrite scattered thru argillite. Very fine grained		90	NS						
Black argillite		70		1/8" qtz; 1/8 qtz-py; Bedding									
Greywacke				Fine grained pyrite in argillite.		100	NS						
				Bedding steeper									
		80		qtz on 1/16" fractures									
Greywacke				Scattered pyrite		100	NS						
Argillite				1/8" qtz-py									
		90		Bedding — Scattered pyrite									
Argillite						96	NS						
		100											
Argillite				Bedding — Scattered pyrite									
Greywacke						95	NS						
		110											
Greywacke				quartz veinlets — Scattered pyrite		94	NS						
				quartz veinlets									
		120											

PROPERTY Tommy Jack
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DIAMOND DRILL LOG

HOLE No. 3
SHEET 3 OF 9

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	FOOTAGE	STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	OZ ~~GRAMS~~ AU	OZ GRAMS AG	PERCENT CU	Pb	Zn	ESTIMATE OF GRADE
Greywacke		120		Films quartz		98	NS						
F.G. green rock. See Log of DDH No. 1 Maybe intrusive dike.		130		Dike is Barren									
Greywacke						97	NS						
~~Dike?~~ Coal				speck cep.									
Greywacke		140											
Greywacke				Quartz veinlets, ¼" ½" qtz		97	NS						
Greywacke				Numerous quartz veins from 142-155.									
		150											
Greywacke				Mostly white quartz only. Minor py.		100	NS						
		160											
Greywacke				Bedding									
Greywacke				4" qtz-py. Py films scattered pyrite		100	NS						
		170											
Greywacke				Massive bedding ½" qtz vein		94	NS						
		180											

PROPERTY Tommy Jack Co

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DIAMOND DRILL LOG

HOLE No. 3

SHEET 4 OF 9

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	ASSAY RESULTS: ~~GRAMS~~ OZ AU	ASSAY RESULTS: ~~GRAMS~~ OZ AG	ASSAY RESULTS: PERCENT CU	ASSAY RESULTS: Pb	ASSAY RESULTS: Zn	ASSAY RESULTS: ESTIMATE OF GRADE
		180											
Greywacke				Bedding		100	NS						
Argillite		190		Rubble									
Greywacke						92	NS						
		200											
Greywacke				Bedding		100	NS						
Argillite				Bedding. ½" qtz at contact									
~~Greywacke~~		210											
Greywacke				½" vein quartz		100	NS						
		220											
Greywacke				¼" qtz		100	NS						
Argillite				Bedding									
		230											
Argillite				¼" qtz		100	NS						
		240											

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DIAMOND DRILL LOG

HOLE No. 3
SHEET 5 OF 9

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	FOOTAGE	STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	02 ~~GRAMS~~ AU	02 ~~GRAMS~~ AG	PERCENT CU			ESTIMATE OF GRADE
Argillite		240											
				½" quartz		100	NS						
Greywacke				Bedding									
		250											
Greywacke													
Argillite				Bedding									
				Bedding		100	NS						
Greywacke													
~~Argillite~~		260		Bedding									
Greywacke													
						100	NS						
				Bedding									
~~Argillite~~		270											
				Bedding									
Greywacke													
						100	NS						
		280		1" quartz									
~~Argillite~~													
Greywacke						100	NS						
		290											
Greywacke						100	NS						
~~Coal~~		300		Bedding			03703	COAL ANALYSIS					

PROPERTY Tommy Jack
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DIAMOND DRILL LOG

HOLE NO. 3
SHEET 5 OF 9

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	GRAMS AU	GRAMS AG	PERCENT CU			ESTIMATE OF GRADE
		300											
Greywacke				¼"-½" quartz		100	NS						
		310											
Greywacke coal				Bedding		100	NS						
Argillite		320											
Greywacke													
Argillite coal				Bedding		100	NS						
Argillite		330											
Argillite				Bedding		100	NS						
		340											
Argillite				Bedding		100	NS						
Greywacke				Bedding with ½" qtz vein									
		350											
Greywacke				⅛" quartz		100	NS						
		360											

PROPERTY Tommy Jack
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DIAMOND DRILL LOG

HOLE No. 3
SHEET 7 OF 7

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	FOOTAGE	STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	~~GRAMS~~ OZ AU	~~GRAMS~~ OZ AG	PERCENT CU			ESTIMATE OF GRADE
		360											
Greywacke				Bedding		100	NS						
Argillite													
		370											
Argillite						100	NS						
				1" qtz.									
Argillite		380											
				Bedding									
Greywacke						100	NS						
		390											
Greywacke						100	NS						
		400											
				1/8" qtz.									
Greywacke						100	NS						
		410											
				Bedding									
Argillite				Bedding		100	NS						
		420											

PROPERTY Tommy Jack
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DIAMOND DRILL LOG

HOLE No. 3
SHEET 8 OF 9

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	GRAMS AU	GRAMS AG	PERCENT CU			ESTIMATE OF GRADE
		420											
Argillite		430		Bedding		100	NS						
Argillite		440		Bedding		100	NS						
Argillite													
Greywacke		450		Bedding ½" qtz 2" quartz		100	NS						
Argillite		460				100	NS						
Greywacke		470		Bedding		100	NS						
Greywacke													
Argillite		480		Bedding		100	NS						

PROPERTY Tommy Jack
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DIAMOND DRILL LOG

HOLE No. 3
SHEET 9 OF 9

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	ASSAY RESULTS: OZ ~~GRAMS~~ AU	ASSAY RESULTS: OZ ~~GRAMS~~ AG	ASSAY RESULTS: PERCENT CU			ESTIMATE OF GRADE
		480											
Argillite				Bedding		100	NS						
Greywacke		490		Bedding									
Argillite						100	NS						
		500		Bedding									
Argillite						100	NS						
				Bedding									
		510											
Argillite				2" qtz. Minor qn.		100	NS						
				END OF HOLE, 517'									

PROPERTY Tommy Jack Cr.
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DIAMOND DRILL LOG

HOLE No. 7
SHEET 1 OF 4

LOCATION
DATE COLLARED Dec. 8, 1968
DATE COMPLETED Dec. 9, 1968
BEARING S33W
LENGTH 230 ft.
DIP -45°
LATITUDE
DEPARTURE
ELEVATION 7630
CORE SIZE BQ WL
SCALE OF LOG 1" = 10 ft
REMARKS
LOGGED BY W.D. Tompson
DATE Dec. 9, 1968

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	FOOTAGE	STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	~~GRAMS~~ OZ AU	~~GRAMS~~ OZ AG	PERCENT CU			ESTIMATE OF GRADE
Casing 0-24'		0		Casing 0-24'									
		10											
		20											
Graywacke				Heavy clay gouge on fault Rubble 27-30		34	NS						
		30											
Graywacke				Heavy clay on fault Heavy Clay on fault		22	NS						
~~Graywacke~~		40		Bedding									
Argillite				Rubble 45-47 Bedding		84	NS						
		50											
Argillite Graywacke				Bedding Bedding		96	NS						

PROPERTY Tommy Jack Cr.
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DIAMOND DRILL LOG

HOLE No. 7
SHEET 2 OF 4

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	ASSAY RESULTS: OZ GRAMS AU	ASSAY RESULTS: OZ GRAMS-AG	ASSAY RESULTS: PERCENT ~~Cu~~ Cd	ASSAY RESULTS: % Pb	ASSAY RESULTS: % Zn	ESTIMATE OF GRADE
		60											
Greywacke				Quartz veinlets		100	NS						
~~Vein~~		70		~~Vein 69½-71½, 2 ft. qtz-pl~~		~~60%~~	~~03704~~						
				Bedding									
Argillite				Bedding									
Greywacke						91	NS						
		80											
Greywacke				Bedding		100	NS						
				Bedding									
		90											
Greywacke				qtz veinlets Massive bedding		100	NS						
		100		Bedding									
Argillite						100	NS						
Greywacke				Bedding									
		110											
				Bedding									
Argillite				Bedding		100	NS						
Greywacke				Qtz veinlets, 1/16"									
		120											

PROPERTY Tommy Jack
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DIAMOND DRILL LOG

HOLE No. 4
SHEET 3 OF 4

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	ASSAY RESULTS: OZ ~~GRAMS~~ AU	ASSAY RESULTS: OZ GRAMS AG	ASSAY RESULTS: PERCENT CU	ASSAY RESULTS:	ASSAY RESULTS:	ESTIMATE OF GRADE
		120											
Greywacke				1/8"-1/4" qtz-stringlets		100	NS						
Argillite		130											
Greywacke				Rubble, 134-136		94	NS						
		140											
Greywacke				Bedding									
Argillite						100	NS						
Greywacke													
		150											
Greywacke				qtz veinlets, 1/16"		100	NS						
		160											
Greywacke				1/8" qtz		100	NS						
		170											
Greywacke				Bedding		100	NS						
Argillite													
		180											

PROPERTY Tommy Jack Cr
GRID

DIAMOND DRILL LOG

HOLE No. 4
SHEET 4 OF 4

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	FOOTAGE	STRUCTURE	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	PERCENT CORE RECOVERED	ASSAY RESULTS: SAMPLE NUMBER	OZ ~~GRAMS~~ AU	OZ ~~GRAMS~~ AG	PERCENT CU			ESTIMATE OF GRADE
		180											
Argillite													
Greywacke				Bedding ¼" qtz		100	NS						
		190		¼" qtz									
Greywacke						100	NS						
		200											
Greywacke						100	NS						
		210											
Greywacke				Bedding qtz veinlets, 1/16"									
Argillite						100	NS						
		220		Bedding 1/16" qtz.									
Argillite						100	NS						
		230		~~END HOLE 230 Ft.~~									