

DIAMOND DRILL RECORD

HOLE NO. 81

PROPERTY YANDELL CREEK, T. 2.SHEET NUMBER 1SECTION FROM 0.0 TO 100.0STARTED September 15, 1954LATITUDE 23, 15, 22DATUM 4,000COMPLETED September 19, 1954DEPARTURE 31, 718, 53

BEARING _____

ULT MATE DEPTH 356.0ELEVATION 4,085.30DIP Vertical holePROPOSED DEPTH To cross-section mineralization.

006728

DEPTH FEET	CORE RECOVER	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0 - 21.0		Casing (overburden)												
21.0 - 22.0	S	Fragments of weathered sericite schist coated with iron oxide stain. Some associated white quartz fragments. Some of the fragments are of the cemented "bedrock conglomerate".												
22.0 - 24.0		Weathered sericite schist from 22.0 to 24.0. Balance of the section is massive fine grained pyrite.	610	4.0			4.22	4.66	649	40-45	1		.68	.92
24.0 - 25.0	M	Fragments of gray feldspar porphyry. Two pieces of massive pyrite. Sludge sent over this section. Possibly a small porphyry dike.							650	45-50	1		1.01	2.25
25.0 - 26.0														
26.0 - 27.0		Fragments of massive pyrite with a little associated galena and sphalerite.	611	5.0			3.22	7.42	651	50-55			1.56	3.69
27.0 - 28.0	M	Pyrite and silica with good sphalerite and galena in close association.	612	5.0			3.88	9.13						
28.0 - 29.0		Well mineralized section of sphalerite and galena in association with pyrite. Vestiges of graphitic schist present.	613	5.0			4.44	8.60						
29.0 - 30.0														
30.0 - 31.0	P	Cemented graphitic schist and silica containing some finely disseminated pyrite, galena and sphalerite.	614	5.0			2.88	6.62						
31.0 - 32.0		Silicified sericite schist containing mineralization similar to previous section.	615	4.0			1.70	1.77						
32.0 - 33.0		Light grey sericite schist. A few threads of pyrite.					5.99	6.34						
33.0 - 34.0		Fine grained pyrite, silica, galena and sphalerite of uniform grain size.	616	5.0			2.11	7.65						
34.0 - 35.0		Same mineralization as previous section. A few small patches of white quartz.	617	5.0			7.33	9.63						
35.0 - 36.0		Pyrite, silica, galena and sphalerite as in previous sections.	618	5.0			5.22	8.45						

DIAMOND DRILL RECORD,

HOLE NO. 81

PROPERTY VANORDA CREEK, L. I.

SHEET NUMBER 2 SECTION FROM 101.0 TO 303.0 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING ULTIMATE DEPTH

ELEVATION DIP PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
101.0 -	5.0	Same as previous sections. Good galena and sphalerite content.	619	5.0			3.11	7.53						
113.0 -	4.1	Same as previous sections with slight increase of pyrite relative to the others.	620	5.0			8.32	10.62						
118.0 -	5.0	Same as previous sections to 113.0. Balance of sample is small fragments of brecciated pyrite healed with pyrite in the interstices.	621	5.0			1.67	5.81						
121.0 -	5.0	Massive pyrite containing some partially leached irregular fractures.	622	5.0			0.50	1.40						
125.0 -	3.2	Massive pyrite with a few threads of magnetite following the relief banding at 90° to core.	623	5.0			0.31	1.01						
131.0 -	16.5	Light gray sericite schist. Shearing at 60° to core. A few small patches of pyrite.												
174.0 -	21.3	Graphitic schist with some interbanded gray silica and a little pyrite and pyrrhotite. Shearing at 80° to core.												
226.0 -		PLEASE NOTE Due to caving conditions, E casing was run and change made from A. to E. core at 190.0												
236.0 -	22.8	Graphitic schist with some interbanded gray silica. Several small patches of white quartz. Shearing at 60° to core.												
281.0 -														
313.0 -	1.0	Graphitic schist interbanded with gray silica. Considerable fine pyrite present.	615	5.0			.02	Nil						
331.0 -	0.9	Graphitic schist, pyrite and silica as in previous section.	616	5.0			.03	.31						
372.0 -		Silica and pyrite, with vestiges of graphitic schist. A little galena and sphalerite.	617	5.0			.30	.51						
398.0 -	4.8	Silica and pyrite replacing graphitic schist to 399.0 and sericite schist to 393.0. Some pyrrhotite in small, irregular patches.	618	5.0			.04	.92						

HÓLE NO. 21

SHEET NUMBER 3 SECTION FROM 203.0 TO 356.0 STARTED _____
LATITUDE _____ DATUM _____ COMPLETED _____
DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
ELEVATION _____ DIP _____ PROPOSED DEPTH _____

[illegible]

HOLE NO

SHEET NUMBER 1

SECTION FROM 0.0 TO 506.0

STARTED September 21, 1954

LATITUDE 30,853.26 = 7404.07^m

DATUM _____

COMPLETED September 25, 1954

DEPARTURE 29,056.82 = 88.56 52"

BEARING _____

ULTIMATE DEPTH 506.0 (1643'))

ELEVATION 4,147.23

DIP Vertical hole

PROPOSED DEPTH ~~To test anomaly No. 13~~

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 83

PROPERTY VANOCRA CREEK, I. T.

SHEET NUMBER 1

SECTION FROM 0.0 TO 84.0

STARTED September 20, 1954

LATITUDE 28,131.53

DATUM 1900

COMPLETED September 24, 1954

DEPARTURE 32,130.91

BEARING

ULTIMATE DEPTH 356.0

ELEVATION 4,111.66

DIP Vertical hole

PROPOSED DEPTH To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0- 15.0 (13.7)		Casing (overburden)												
15.0- 50.0	0	The sludge is a fine aggregate of pyrite, silica and sericite. No core.												
50.0- 55.0	1.3	Pyrite and silica with vestiges of sericite schist. Core badly broken.	653	5.0			.63	.31	652	45-50			.55	.41
55.0- 59.0	1.6	Fragments of closely-knit pyrite and silica. A few white quartz threads.	654	5.0			.02	.41						
59.0- 62.0	2.3	Same mineralization as previous section.	655	3.0			.03	1.13						
62.0- 67.0	1.4	Fragments of sericite schist with threads of pyrite with a little reddish-brown sphalerite and galena.	656	5.0			.03	.82						
67.0- 72.0	1.9	Sericite schist containing irregular patches of pyrite and silica.	657	5.0			.01	.51						
72.0- 77.0	4.2	Pyrite and silica in equal amounts and uniform grain size with small patches of white quartz and vestiges of sericite schist.	658	5.0			.02	.20						
77.0- 79.0	2.0	Same mineralization as previous section.	659	2.0			.02	.10						
79.0- 84.0	2.5	Pyrite and silica with interstained remnants of sericite schist.	660	5.0			Tr.	.31						

DIAMOND DRILL RECORD,

HOLE NO. 83

PROPERTY VANDER CRUIK, L. T.

SHEET NUMBER 2

SECTION FROM 84.0 TO 305.0

STARTED

LATITUDE

DATUM

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
84.0- 89.0	4.0	Light gray sericite schist. Some small patches of pyrite elongated in the shearing at 80° to core.	662	5.0			Tr	Nil						
89.0- 251.0	97.0	Medium gray sericite schist. Shearing at 80° to core. A few threads of pyrite and pyrrhotite. Several small patches of white quartz.												
251.0- 256.0	5.0	Graphitic schist interbanded with gray silica at 40° to core. Some associated fine pyrite.	673	5.0			.04	Nil						
256.0- 261.0	3.2	Granulated graphitic schist and silica with considerable fine pyrite.	674	5.0			.03	Nil						
261.0- 266.0	3.1	Fragments of massive pyrite cut by a few small stringers of white quartz.	675	5.0			.22	Nil						
266.0- 271.0	4.5	Graphitic schist and interbanded silica partially replaced by massive pyrite. Shearing at 45° to core.	676	5.0			.04	Nil						
271.0- 295.0	13.4	Granulated graphitic schist containing a little interbanded gray silica. Sparse pyrite and pyrrhotite in fine threads.												
295.0- 300.0	5.0	Graphitic schist and interbanded silica containing considerable fine pyrite which is massive in part. A little galena and sphalerite with the pyrite.	677	5.0			.90	.92						
300.0- 305.0	5.0	Massive fine-grained pyrite with vestiges of graphitic schist to 302.0 and vestiges of sericite schist to 305.0. Considerable galena and reddish-brown sphalerite with the pyrite between 300.0 and 304.5	678	5.0			3.69	3.02 5.08						

HOLE NO. 83

PROPERTY VANDORDA CREEK, Y. T.

SHEET NUMBER. 3

SECTION FROM 305.0 TO 324.0

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 84

PROPERTY VANOGRA CREEK, I. T.

SHEET NUMBER 1

SECTION FROM 0.0 TO 96.0

STARTED September 21, 1954

LATITUDE 28,155.65

DATUM AD

COMPLETED September 24, 1954

DEPARTURE 11,850.56

BEARING _____

ULTIMATE DEPTH 332.0

ELEVATION 4,091.73

DIP vertical hole

PROPOSED DEPTH 20 cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0.0- 28.0 (1.5)		Casing (overburden) cemented with iron oxide in proximity to bedrock.												
28.0- 56.0	9.4	Fragments of light gray sericite schist and white quartz.												
56.0- 61.0	4.8	Equigranular fine-grained fabric of pyrite, siliceous galena and sphalerite.	662	5.0			4.11	7.48						
61.0- 66.0	5.0	Same mineralization as previous section. Sphalerite deep reddish-brown in colour.	663	5.0			8.21	8.92	25	1.79				
66.0- 71.0	5.0	Same massive mineralization as in previous sections. Malic banding at 68" to core.	664	5.0			3.95	5.33						
71.0- 76.0	5.0	Same as previous sections to 73.0; balance of sample is massive pyrite with a few streaks of magnetite.	665	5.0			5.11	5.22						
76.0- 81.0	5.0	Pyrite and siliceous in equal amounts. Sparse sphalerite.	666	5.0			2.76	2.87						
81.0- 86.0	5.0	Same as previous section. One 1" band of reddish-brown sphalerite at 81.6.	667	5.0			.57	1.23						
86.0- 91.0	5.0	Pyrite and siliceous containing a few small patches of magnetite.	668	5.0			.41	.62						
91.0- 96.0	5.0	Same mineralization as previous section. One small patch of white quartz at 94.5.	669	5.0			.22	.10						

DIAMOND DRILL RECORD,

HOLE NO. 84

PROPERTY VANOGODA CREEK, Y. T.

SHEET NUMBER 2

SECTION FROM 96.0 TO 229.0

STARTED

LATITUDE

DATUM

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
96.0- 101.0	5.0	Pyrite and silice in fine-grained, uniform texture. Vestiges of sericite schist.	670	5.0			.04	.10						
102.0- 106.0	2.1	Same as previous section.	671	5.0			.05	Nil						
106.0- 110.0	1.9	Pyrite and silice with a few threads of reddish-brown sphalerite.	672	4.0			.30	2.97						
110.0- 173.0	26.2	Light greenish-gray sericite schist. Talcose in part. A few threads of pyrite and pyrrhotite. Some inter-banded graphitic schist from 110.0 to 112.0. Shearing at 40° to core.												
173.0- 209.0	26.0	Light gray to medium gray sericite schist. Shearing at 80° to core. Talcose from 194.0 to 196.0 and from 204.0 to 209.0. A small patch of pyrrhotite at 183.8 and a short section of porous pyrite at 189.5.												
209.0- 214.0	4.6	Graphitic schist and interbanded gray silice partially replaced by massive and disseminated pyrite. A little galena and sphalerite.	679	5.0			.33	.10						
214.0- 219.0	4.6	Same as previous section showing greater replacement by pyrite with a little galena and sphalerite in association.	680	5.0			.11	.10						
219.0- 224.0	4.7	Graphitic schist strongly replaced by massive pyrite and small patches of white quartz.	681	5.0			1.02	.82						
224.0- 229.0	4.8	Massive pyrite containing a few small threads of magnetite.	682	5.0			1.72	1.64						

HOLE NO. 84

STARTED _____

COMPLETED _____

ULTIMATE DEPTH_____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 85

PROPERTY YANCOCHA CREEK, T. T.SHEET NUMBER 1SECTION FROM 0.0 TO STARTED Sept. 25, 1954LATITUDE 27,980.77DATUM 4000COMPLETED Sept. 28, 1954DEPARTURE 22,20.92BEARING ULTIMATE DEPTH 4 326.0ELEVATION 4,116.50DIP Vertical holePROPOSED DEPTH To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0- 50.0 (K.V)		Casing (overburden)												
50.0- 53.0	1.8	Fragments of uniform-grained pyrite and silica containing vestiges of sericitic schist.	687	3.0			.03	.10						
53.0- 58.0	1.6	Compact and brittle pyrite and silica as in previous section.	688	5.0			Tr	.92						
58.0- 63.0	2.3	Same mineralization as previous sections. No visible galena or sphalerite.	689	5.0			Tr	2.56						
63.0- 68.0	3.0	Pyrite and silica as in previous sections. Uniform texture.	690	5.0			.01	5.43	51	5.44				
68.0- 72.0	3.0	Fragments of pyrite and silica. A little galena between 69.5 and 70.0.	691	4.0			1.84	1.95						
72.0- 76.0	1.4	Fragments of pyrite and silica. Halist banding at 80.9 to core. Several seams of magnetite at 75.9.	692	4.0			.04	1.44						
76.0- 80.0	4.0	Fragments of massive pyrite and silica. A few small patches of magnetite. No visible galena or sphalerite.	693	4.0			.41	.62						
80.0- 85.0	5.0	Closely-knit pyrite and silica as in previous sections.	694	5.0			.60	3.79						
85.0- 90.0	3.8	Pyrite and silica with a little magnetite and sparse sphalerite.	695	5.0			.60	2.36						

HOLE NO. 83

PROPERTY VANANDA CREEK, Y. T.

SHEET NUMBER. 2

SECTION FROM 90.0 TO 245.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 85

PROPERTY VANDORA CREEK, I. T.

SHEET NUMBER. 3

SECTION FROM _____ TO _____

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PS.	ZN.	NO.	FOOTAGE	AG.	CU.	PS.	ZN.
245.0- 250.0	M 5.0	Massive pyrite with prominent patches of magnetite concentrated mainly between 247.0 and 248.0. A little galena and sphalerite between 248.0 and 250.0.	703	5.0			.30	Nil						
250.0- 255.0	M 5.0	Fine-grained pyrite with remnants of silicified sericite schist. A little galena and sphalerites sparse pyrrhotite, magnetite and chalcopyrite.	704	5.0			1.25	3.79						
255.0- 260.0	M 5.0	Same mineralization as previous section. A small tongue of feldspar porphyry between 257.5 and 259.0.	705	5.0			1.48	4.62	15' @					5.63
260.0- 265.0	M 5.0	Massive pyrite with several streaks of reddish-brown sphalerite and galena following the raillet banding at 80° to core. Remnants of sericite schist present.	706	5.0			4.03	1.23						
265.0- 270.0	M 5.0	Massive pyrite with remnants of silicified sericite schist. A little magnetite, pyrrhotite and chalcopyrite.	707	5.0			0.11	Nil						
270.0- 275.0	Pg-M 5.0	Graphitic schist, silicified, and replaced by patches of massive pyrite. A little pyrrhotite and chalcopyrite.	708	5.0			.06	Nil						
275.0- 280.0	M 5.0	Massive pyrite from 275.0 to 276.0. Balance of section is interbanded graphitic schist and silica, silicified in part and containing finely disseminated pyrite.	709	5.0			.27	Nil						
280.0- 285.0	G 2.5	Graphitic schist and silica banded at 80° to core. Some disseminated pyrite.	710	5.0			.05	Nil						

HOLE NO. 85

STARTED _____

COMPLETED _____

ULTIMATE DEPTH_____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 86

PROPERTY VANGUARD CREEK, Y. T.SHEET NUMBER 1SECTION FROM 0.0 TO 95.0STARTED September 25, 1954LATITUDE 28,004.79DATUM 4000COMPLETED September 28, 1954DEPARTURE 31,975.95BEARING ULTIMATE DEPTH 339.0ELEVATION 4,009.18DIP Vertical holePROPOSED DEPTH To construction mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0.0- 27.0	(1.00)	Casing (overburden)												
27.0- 43.0	6.4 S	Fragments and buttons of light gray sericite schist. Some white quartz; no evidence of sulphide mineralization.							726	40-45			Tr	Ni/
43.0- 53.0	1.0 M	Massive pyrite and silica containing considerable galena and sphalerite. Sludges sent for assay due to low recovery.							727	45-50			.03	.21
53.0- 56.0	2.8 M	Massive pyrite and silica in an equigranular fabric streaked with some galena and sphalerite in the relic banding at 10° to the core.	712	3.0			1.06	7.58	728	50-55			2.27	5.95
56.0- 59.0	2.4 M	Same mineralization as previous section. A few threads of white quartz.	713	3.0			2.35	10.04	729	55-60			.98	7.48
59.0- 64.0	2.1 M	Pyrite, silica, galena and sphalerite in a fine grained, equigranular texture. Relic banding at 40° to core.	714	5.0			2.54	9.22	730	60-65			1.23	6.66
64.0- 74.0	1.0 M	The first half of this section of low recovery is massive fine-grained mineralization as above; the latter portion is fragments of dark gray sericite schist.							731	65-70			.08	.61
74.0- 93.0	3.9 S	Fragments of dark gray sericite schist containing irregular patches of white quartz.							732	70-75			.11	.41
93.0- 95.0	2.0 P	Finely banded pyrite, silica, galena and sphalerite at 80° to the core.	715	2.0			1.58	5.23						

DIAMOND DRILL RECORD,

HOLE NO. 86

PROPERTY TANCOBA CREEK, Y. T.

SHEET NUMBER 2

SECTION FROM 95.0 TO 280.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
95.0- 99.5	1.9	Same as previous section. Sphalerite has a reddish-brown coat.	716	4.5			1.45	7.27						
99.5- 105.0	5.0	Same mineralization as previous section to 101.0; balance of sample is massive fine-grained pyrite.	717	5.5			3.22	5.02						
105.0- 110.0	5.0	Massive fine-grained pyrite containing sparse galena and sphalerite. A little white quartz present.	718	5.0			.68	1.02						
110.0- 170.0	29.8	Light greenish-gray variegated schist. Numerous threads and small patches of white quartz. Core badly broken.												
170.0- 175.0	4.5	Massive fine-grained pyrite containing remnants of interbedded graphitic schist and silica. A little galena, sphalerite and pyrrhotite present.	719	5.0			1.53	1.44						
175.0- 180.0	50	Massive fine-grained pyrite. Sugary texture from 175.0 to 177.0. Some white quartz from 179.0 to 180.0.	720	5.0			.38	.31						
180.0- 182.4	2.4	Massive fine-grained pyrite. Remnants of interbedded gray silica and graphitic schist from 180.5 to 181.5.	721	2.4			2.07	1.75						
182.4- 278.0	44.0	Graphitic schist with variable interbedded silica. Shearing at 80° to 90° to core. Two small stringers of sphalerite between 260.4 and 260.6. Core badly broken on the shear planes.			5A9									
278.0- 280.0	117	Banded pyrite and silica containing vestiges of graphitic schist.	722	2.0			1.06	1.23						

HOLE NO. 8

PROPERTY WANDONGA COUNCIL, I. I.

SHEET NUMBER. 3

SECTION FROM 200.0 TO 399.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH_____[illegible]

HOLE NO. 87

SHEET NUMBER. 1

SECTION FROM _____ TO _____

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 88

PROPERTY VANDORMA CREEK, T. T.SHEET NUMBER 1SECTION FROM 0.0 TO 200.0STARTED September 29, 1954LATITUDE 27,529.63DATUM A.M.D.COMPLETED October 3, 1954DEPARTURE 32,392.47

BEARING _____

ULTIMATE DEPTH 409.0ELEVATION 4,117.98DIP Vertical HolePROPOSED DEPTH To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PS.	ZN.			AG.	CU.	PS.	ZN.
0.0		Casing (overburden)												
16.0 (17)														
16.0 - 26.0	41.5 Sc	Light gray sericite schist with a little interbedded chlorite. Shearing at 60° to core. A few small patches of white quartz. Scattered threads of pyrite. One 1" sphalerite thread at 24.0.												
26.0 - 31.0	1.1 P	Closely-knit fabric of pyrite and silica.	736	5.0			Nil	1.02	749	125-130				
31.0 - 36.0	2.4 P	Partially silicified sericite schist containing some disseminated pyrite.	737	5.0			Nil	Nil	750	130-135				
36.0 - 40.0	50.3 Sc	Light greenish-gray sericite schist. Chloritic and talcose in part. A few threads of pyrite and sphalerite between 39.0 and 40.0, not worthy of assay.												
40.0 - 49.0	5.0 P	Interbedded graphitic schist and silica containing massive and disseminated pyrite. Shearing at 70° to core. A few threads of reddish-brown sphalerite.	738	5.0			1.28	1.64						
49.0 - 50.0	5.8 G	Fragments of brittle, carbonaceous graphitic schist												
50.0 - 52.0	5.0 P	A little interbedded silica and sparse pyrite. Graphitic schist replaced by massive and disseminated pyrite. Some reddish-brown sphalerite and galena. Shearing at 60° to core.	739	5.0			2.00	4.00						
52.0 - 53.0	5.0 P	Same mineralization as previous section, but with a smaller amount of galena and sphalerite.	740	5.0			.30	.62						
53.0 - 55.0	5.0 P	Silicified sericite schist replaced by considerable fine pyrite. A little sphalerite, galena and pyrrhotite.	741	5.0			.66	.41						
55.0 - 60.0	5.0 P	Sericite schist with a little interbedded graphitic schist, replaced by massive and disseminated pyrite as in previous section. Sparse galena and sphalerite.	742	5.0			.71	.41						

HOLE NO.

SHEET NUMBER 2 SECTION FROM 240.0 TO STARTED
 LATITUDE DATUM COMPLETED
 DEPARTURE BEARING ULTIMATE DEPTH
 ELEVATION DIP PROPOSED DEPTH

[illegible]

HOLE NO. 09

4

STARTED Sept. 29, 1954

COMPLETED October 3, 1954

ULTIMATE DEPTH 363.0

PROPOSED DEPTH ~~To cross-section visualization~~

[illegible]

HOLE NO. 09

STARTED _____

COMPLETED _____

ULTIMATE DEPTH

PROPOSED DEPTH _____

HOLE NO. 90

PROPERTY YANORDA CRUISE, L. I.

SHEET NUMBER. 1

SECTION FROM 0.0 TO 200.0

STARTED Oct 1, 1954

LATITUDE. 28,073.90

DATUM 4000

COMPLETED Oct. 4, 1954

DEPARTURE 31,130.06

BEARING _____

LTIMATE DEPTH 390.0

ELEVATION 4,057.26

DIP Vertical hole

PROPOSED DEPTH To test on grid pattern between holes 54 and

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 91

PROPERTY VANDONIA CRIME, T. T.SHEET NUMBER 1SECTION FROM 0-0 TO STARTED Oct. 4, 1954LATITUDE 28,170.86DATUM 4000COMPLETED Oct. 7, 1954DEPARTURE 31,544.61BEARING ULTIMATE DEPTH 361.0ELEVATION 4,069.35DIP Vertical holePROPOSED DEPTH To cross section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
1.0-30.0		CASING (overburden)												
30.0-35.0	0.5	Fragments of tale sericite schist and quartz. No evidence of sulphide.												
35.0-40.0	0.2	Two fragments of white quartz. No recovery in the soft, flakey sericite schist.												
40.0-45.0	1.5	Porous pyrite and silica with strong galena and sphalerite mineralization. Ballist banding at 80° to core.	758	5.0			2.77	8.00	777	40-45			2.33	1.13
45.0-50.0	1.1	Fragments of mineralization similar to previous section. Galena content quite high.	759	5.0			5.78	7.38	778	45-50			2.88	3.28
50.0-55.0	2.6	Massive fine-grained pyrite with mass associated galena, sphalerite and magnetite in the first half of the section.	760	5.0			4.98	6.35						
55.0-60.0	3.4	Massive fine-grained assemblage of pyrite, magnetite, silica, galena and sphalerite.	761	5.0			15.33	8.40						
60.0-65.0	2.5	Massive pyrite with small patches of white quartz and remnants of sericite schist.	762	5.0			0.46	0.93						
65.0-70.0	2.9	Light grey sericite schist from 65 to 69.0. Balance of section is massive pyrite, silica, galena and sphalerite.	763	5.0			0.05	1.95						
70.0-75.0	3.5	Massive pyrite containing irregular patches of silica, galena and sphalerite.	764	5.0			2.32	4.92						

DIAMOND DRILL RECORD,

HOLE NO. 91

PROPERTY VANDERBILT CREEK, Y. T.SHEET NUMBER 2SECTION FROM 75.0 TO 254.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLI NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
75.0- 80.0	2.3	Pyrite, silica, galena and sphalerite with vestiges of sericite schist.	763	5.0			3.85	6.76						
80.0- 85.0	2.8	Fragments of silicified sericite schist containing small patches and stringers of pyrite, galena and sphalerite.	764	5.0			0.98	1.54						
85.0- 105.0	7.3	Graphitic schist. Core badly broken in bottom on the shearing at 80° to core. A little pyrite with streaks of magnetite; sparse sphalerite.												
105.0- 110.0	4.9	Massive pyrite with irregular sections of galena, sphalerite and silica. Vestiges of graphitic schist.	767	5.0			1.15	1.02						
110.0- 113.0	2.0	Graphitic schist and silica replaced by irregular patterns of pyrite, sphalerite and galena.	768	3.0			3.77	5.43						
113.0- 127.0	35.5	Graphitic schist. Shearing at 90° to core. A little interbedded sericite schist between 127.0 and 140.0.												
127.0- 146.0	25.4	Graphitic schist with a little interbedded sericite schist and gray silica. Shearing at 80° to core. Some pyrrhotite present, in small threads and patches.			Figure 1-12 Reduction from AI core to KI made at 252.0 due to need for basing off a cored section of the hole.									
146.0- 151.0	5.0	Pyrite and pyrrhotite replacing graphitic schist to 247.0 and silicified sericite schist to 251.0. Sparse chalcopyrite.	773	5.0			0.08	0.31						
151.0- 156.0	5.0	Silicified sericite schist mineralized as in previous section. A little reddish-brown sphalerite present.	774	5.0			0.85	1.33						

HOLE NO. 91

SHEET NUMBER. 3

SECTION FROM 236.0 TO 361.0 .

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 92

PROPERTY **VANDORDA CREEK, T. T.**

SHEET NUMBER. 1

SECTION FROM 0.0 TO _____

STARTED Oct. 4, 1954

LATITUDE 27.693.80

DATUM 1000

COMPLETED Oct. 7, 1954

DEPARTURE 32,232.05

BEARING _____

ULTIMATE DEPTH 324.0

ELEVATION 4,096.58DIP Vertical hole

PROPOSED DEPTH To test on grid pattern along strike

[illegible]

HOLE NO. 72

SHEET NUMBER 2 SECTION FROM 32.0 TO 34.0

STARTED _____

LATITUDE _____ DATUM _____

COMPLETED _____

DEPARTURE _____ BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____ DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 93

SHEET NUMBER. 1

SECTION FROM 00 TO

STARTED Oct. 5, 1954

LATITUDE 28.046.91

DATUM 1000

COMPLETED Oct. 8, 1954

DEPARTURE 31,415.54

BEARING _____

ULTIMATE DEPTH 324.0

ELEVATION 4,065.37

DIP _____

PROPOSED DEPTH To cross-section mineralization

[illegible]

HOLE NO. 93

PROPERTY YANCOCHA CORRAL, Y. T.

SHEET NUMBER. **2**

SECTION FROM _____ TO _____

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 24

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER. 1

SECTION FROM 0.0 TO 96.0

STARTED April 20, 1955

LATITUDE 29.745.50

DATUM 4000

COMPLETED April 24, 1955

DEPARTURE 30,633.28

BEARING Vertical hole

ULTIMATE DEPTH 300.0

ELEVATION 4067.42

DIP _____

PROPOSED DEPTH *To cross-section mineralization*

[illegible]

HOLE NO. 94

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER. 6

SECTION FROM 96.0 TO 116.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH _____'

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
96.0-	5.0	Massive pyrite as in previous section to 97.5; strong galena, sphalerite, pyrite & silica with a little magnetite to 100.0; light grey sericite schist to 101.0. Shearing at 75° to core.	787	5.0			2.47	6.31						
101.0-	5.0	Patches of galena, sphalerite, pyrite, magnetite and silica containing remnants of crenulate sericite schist A little white quartz, with magnetite.	788	5.0			3.32	5.06						
106.0-	5.0	Same as previous section with gradation to graphitic schist interbanding at 108.0.	789	5.0			3.32	4.24						
111.0-	3.3	Silica containing threads of pyrite, reddish brown sphalerite & galena. Shearing at 65° core.	790	5.0			1.26	4.03						

HOLE NO. 94

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER. 3

SECTION FROM 116.0 TO 164.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____ NO. VIEW _____ 18 _____

DIP

PROPOSED DEPTH.....

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
146.0- 149.0	34.5	Medium gray to dark gray fissile sericite schist. Several irregular patches of white quartz & wuggy threads of pyrite. Shearing at 50° to core.												
149.0- 154.0	4.7	Crenulated graphitic schist containing irregular patches of white quartz, sphalerite, galena and pyrite.	791	5.0			0.16	0.93						
154.0- 159.0	5.0	Same as previous section	792	5.0			0.41	2.48						
159.0- 164.0	3.2	Same as previous section with a massive section of galena, sphalerite & pyrite from 163.5 to 164.0	793	5.0			0.71	5.18						

DIAMOND DRILL RECORD,

HOLE NO. 94

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 4SECTION FROM 164.0 TO 194.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
164.0- 169.0	3.0	Massive, fine grained pyrite, silica, galena, sphalerite and sparse magnetite. Relict banding at 90° to core.	794	5.0			0.88	6.72	✓					
169.0- 174.0	5.0	Same as previous section.	795	5.0			0.05	8.28						
174.0- 179.0	5.0	Well mineralized as in previous sections.	796	5.0			2.74	8.68						
179.0- 184.0	4.0	As above. Sphalerite has a reddish-brown colour.	797	5.0			1.18	7.87						
184.0- 189.0	5.0	Increase of magnetite relative to previous sections. Some vestiges of sericite schist.	798	5.0			3.18	8.68						
189.0- 194.0	5.0	Dominantly pyrite with irregular threads of sphalerite and galena. Interbanded graphitic and sericite schist from 192.5 to 194.0. Shearing at 50° to core.	799	5.0			1.15	4.24						

HOLE NO.... 74

SHEET NUMBER. 5

SECTION FROM 1940 TO 219.0

STARTED _____

LATITUDE.....

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____ FEET _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 94

PROPERTY Vanguarda Creek Y.T.

SECTION FROM 2190 TO 2490

STARTED _____

DATUM _____

COMPLETED

BEARING _____

ULTIMATE DEPTH

DIP _____

PROPOSED DEPTH _____

[illegible]

sericite schist.

DIAMOND DRILL RECORD,

HOLE NO. 74

PROPERTY Vanguarda Creek Y.T.SHEET NUMBER 7SECTION FROM 2490 TO 2840

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
2490- 2540	5.0	Pyrite, pyrrhotite, magnetite and chalcopyrite threads in irregular patterns in sericite schist.	811	5.0			0.36	1.14						
2540- 2590	5.0	Same as previous section.	812	5.0			0.41	1.35						
2590- 2640	5.0	As in previous section with sparse sphalerite.	813	5.0			0.74	1.55						
2640- 2690	5.0	Weds of pyrite, pyrrhotite and chalcopyrite in silicified sericite schist.	814	5.0			0.25	1.04						
2690- 2740	5.0	Same as previous section.	815	5.0			0.11	0.52						
2740- 2790	5.0	Shearing at 50° to core												
2790- 2840	5.0	Same as above. Sparse reddish- brown sphalerite.	816	5.0			0.08	0.21						
2840		Bands of pyrrhotite, ^{sparse} chalcopyrite and sphalerite at 80° to core in silicified sericite schist.	817	5.0			0.03	N.I.						

HOLE NO. 97

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 8

SECTION FROM 2840 TO 300.0

STARTED _____

LATITUDE _____

DATUM End.

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH

[illegible]

R. A. Baker

DIAMOND DRILL RECORD,

HOLE NO. 75

PROPERTY

Vangorda Creek Y.T.

SHEET NUMBER 1

SECTION FROM 0.0 TO 165.0

STARTED April 25, 1955

LATITUDE 29,616.82

DATUM 4020

COMPLETED April 29, 1955

DEPARTURE 30,478.24

BEARING

ULTIMATE DEPTH 351.0

ELEVATION 4,066.77

DIP Vertical hole

PROPOSED DEPTH To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
20- 1090	33"	Casing (overburden)												
1090- 1550	240	Medium grey to dark grey sericite schist. Dominantly white quartz from 139.5 to 141.5. Shearing at 50° to core.												
1550- 1600	4.0	Contact with sericite schist at 155.4. (Core probably lost in this section) Balance of section is an equigranular assemblage of fine grained pyrite, silica, galena, sphalerite and sparse magnetite	318	5.0			6.12	9.63						
1600- 1650	5.0	Same as previous sections with remnants of blacked sericite schist.	317	5.0			1.03	7.98						

DIAMOND DRILL RECORD,

HOLE NO. 95

PROPERTY Longford Creek Y.T.SHEET NUMBER 2SECTION FROM 165.0 TO 185.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
165.0- 170.0	0.5	Light grey sericite schist. Core loss to flakey nature of the schist. Sludge sent over this section.							820	165- 170			0.80	8.90
170.0- 175.0	5.0	Fine grained pyrite, galena, sphalerite with sparse magnetite in a silica matrix. Remnants of sericite schist from 171.0 to 171.5 and from 173.0 to 175.0.	821	5.0			0.47	3.31						
175.0- 180.0	4.5	Bleached sericite schist to 175.5 (mostly lost galena, sphalerite, pyrite, magnetite and silica in balance of sample.	822	5.0			11.37	9.20						
180.0- 185.0	5.0	Well mineralized as in previous section. Several prominent patches of magnetite.	823	5.0			13.66	11.39						

HOLE NO. 95

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER. 3

SECTION FROM 185.0 TO 205.0

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH.....

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
185.0- 190.0	5.0	Heavy fine-grained galena with magnetite patches, grains of pyrite up to 1/8" diameter, M sphalerite and silica. Relict banding at 50° to core	824	5.0			9.41	8.18						
190.0- 195.0	31	Same as previous section. Relict patches of medium- grained galena. Core less likely P occurred in remnants of fissile sericite schist.	825	5.0			4.58	6.94						
195.0- 200.0	48	Streaks of reddish-brown sphalerite and galena in pyrite-silica matrix	826	5.0			3.40	8.70						
200.0- 205.0	46	Mainly pyrite and silica with minor sphalerite. Relict banding at 60° to core.	827	5.0			2.11	4.45						

HOLE NO. 95

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER: 4

SECTION FROM 205.0 TO 230.0

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
205.0- 210.0	4.2 P	Streaks of magnetite in a pyrite-silica matrix. A little galena and sphalerite	828	5.0			3.35	4.92	← av. of 8		270	829		
210.0- 215.0	2.2 P	Porous, vuggy fine-grained pyrite and silica. Sparse galena. Core loss due to porosity - breaking up to grains	829	5.0			4.58	5.38						
215.0- 220.0	5.0 A	Massive, fine-grained pyrite containing galena, sphalerite and silica between 215.0 and 216.5, and 219.0 and 220.0	830	5.0			6.23	9.84						
220.0- 225.0	5.0 A	Massive pyrite containing some irregular quartz patches and a little galena and sphalerite	831	5.0			1.12	1.66						
225.0- 230.0	5.0 A	Massive pyrite with several small patches of white quartz	832	5.0			0.47	0.21						

HOLE NO. 95

HOLE NO. 95

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER 5

SECTION FROM 230.0 TO 255.0

STARTED _____

LATITUDE._____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
230.0-235.0	M	Massive pyrite with considerable white quartz following relict banding at 50° to core.	833	5.0			0.91	0.62						
235.0-240.0	M	Same as previous section with some fine interstitial silica present. Some magnetite between 239.0 and 240.0.	834	5.0			2.22	2.38						
240.0-245.0	M	Fine grained pyrite in a silica matrix.	835	5.0			2.11	5.58						
245.0-250.0	P	Same as previous section with some associated galena and sphalerite.	836	5.0			1.54	6.83						
250.0-255.0	P	Same as above, but with less galena and sphalerite. Relict banding at 55° to core.	837	5.0			4.12	5.28						

HOLE NO. 75

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER. 1

SECTION FROM 255.0 TO 280.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 95

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 7

SECTION FROM 280.0 TO 305.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
180.0-185.0	5.0	Pyrite and silica in equi-granular pattern as in previous section.	843	5.0			0.11	0.10						
185.0-190.0	5.0	Same as previous section.	844	5.0			2.28	0.73						
190.0-195.0	5.0	Several small seams of galena and sphalerite.												
195.0-200.0	5.0	Pyrite and silica as in previous sections.	845	5.0			0.38	0.31						
200.0-205.0	5.0	Pyrite and silica in uniform grain size with sections of massive pyrite. Remnants of graphitic schist from 299.0 to 300.0.	846	5.0			0.25	0.10						
205.0-210.0	5.0	Same as previous sections	847	5.0			0.44	0.41						

HOLE NO. 95

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 9

SECTION FROM 330.0 TO 351.0

STARTED

LATITUDE _____

DATUM _____ *End.*

COMPLETED

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH.....

ELEVATION _____

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PROPOSED DEPTH

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 96

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 1SECTION FROM 0.0 TO 252.0STARTED April 30, 1955LATITUDE 29,492.19DATUM 4000COMPLETED May 6, 1955DEPARTURE 30,327.77BEARING Vertical HoleULTIMATE DEPTH 359.0ELEVATION 4,063.03

DIP _____

PROPOSED DEPTH To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0- 110.0	(33.6)	Casing (overburden)												
110.0- 247.0	66.5	Light grey to medium grey sericite schist. Core badly broken in buttons in the fissile shearing at 80° to core. Schist is talcose in part. Some interbanded graphitic material between 174.0 and 240.0. A little pyrite between 143.0 and 157.0												
247.0- 252.0	4.8	Massive, fine grained pyrite and centauring remnants of silicified sericite schist, small patches of magnetite and a little galena and sphalerite. Relict banding at 80° to core.	356	5.0			0.22	2.38						

HOLE NO. 96

PROPERTY Vangorda Creek YT

SHEET NUMBER 2

SECTION FROM 2520 TO 2770

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED

DEPARTURE _____

BEARING

ULTIMATE DEPTH

ELEVATION _____

DIP

PROPOSED DEPTH 107 FATHOMS

DEPTH FEET		CORE	DESCRIPTION	CORE	FOOTAGE	CORE ASSAYS				SLUDGE		SLUDGE ASSAYS			
		RECOV.		SAMPLE NO.		AG.	CU.	PB.	ZN.	SAMPLE NO.	FOOTAGE	AG.	CU.	PB.	ZN.
2520- <u>2570</u>	A.C. M		Same as previous section with only sparse sphalerite and galena.	857	5.0			1.70	7.38						
2570- <u>2620</u>	5.0 P		Massive pyrite containing streaks of magnetite prevailing relict branching at 70° to core	858	5.0			1.26	1.76						
2620- <u>2670</u>	3.6 H		Same as previous section several small patches of white quartz.	859	5.0			0.52	0.42						
2670- <u>2720</u>	5.0		Massive fine-grained pyrites, silica, galena and sphalerite	860	5.0			2.42	6.52						
2720- <u>2770</u>	5.0 M		Massive pyrite containing streaks of magnetite, galena and sphalerite Remnants of clay-like sericite schist between 275.0 to 2770.	861	5.0			1.40	2.32						

DIAMOND DRILL RECORD,

HOLE NO. 96

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 3SECTION FROM 1770 TO 3370

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
2770-4.5		Mineralization as in previous section. Kalket banding at 80° to core.	862	5.0			2.52	4.44						
2820-5.0		Fine pyrite containing threads of magnetite in the vestigial banding. A little galena and sphalerite.	863	5.0			2.66	2.32						
2870-3.0		Same as previous section containing vestiges of silicified sericite schist.	864	3.0 5.0			2.84	2.43						
2900-25.0		Light gray to medium gray sericite schist showing interbedded A little chlorite, pyrochroite and white quartz. Core badly broken.												
3340-0.0		Lost core. Likely fissile schist which disintegrated in to flakes.												
3370-11.0														

No water return over this section.

HOLE NO. 96.

PROPERTY

Vangorda Creek Y.T.

SHEET NUMBER

4

SECTION FROM 3390 TO 3590

STARTED

LATITUDE.

DATUM End.

COMPLETED _____

DEPARTURE

BEARING _____

ULTIMATE DEPTH

ELEVATION

DIP _____

PROPOSED DEPTH

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 97

PROPERTY

Vargorda Creek Y.T.

SHEET NUMBER

1

SECTION FROM

0.0

TO 114.0

STARTED

May 6, 1955

LATITUDE

29,137.52

DATUM

4000

COMPLETED

May 9, 1955

DEPARTURE

31,148.95

BEARING

Vertical hole

ULTIMATE DEPTH

226.0

ELEVATION

4,121.80

DIP

PROPOSED DEPTH

To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0.0-		Casing (overburden)												
94.0	(24.6)													
94.0-98.0	4.0	Fine grained pyrite, pyrrhotite and silica. The pyrrhotite is massive in part. A little galena, sphalerite and magnetite. Relict banding at 40° to core.	866	5.0			3.61	5.60						
98.0-104.0	4.6	Same as previous section, with vestiges of sericite schist.	867	5.0			7.87	5.28						
104.0-109.0	5.0	Fine grained, closely knit pyrite, pyrrhotite, galena, sphalerite and silica. Pyrite massive in part.	868	5.0			5.36	5.70						
109.0-114.0	5.0	Pyrite and pyrrhotite containing minor magnetite and sphalerite. Sparse galena. Remnants of sericite schist present.	869	5.0			3.06	4.65						

DIAMOND DRILL RECORD,

HOLE NO. 97

PROPERTY Vargorda Creek Y.T.SHEET NUMBER 2SECTION FROM 1140 TO 1390

STARTED

LATITUDE

DATUM

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
1140- 1190	5.0 P-11	Bands of pyrite with a little magnetite at 80" to core in silicified sericite schist. Pyrite massive in part.	870	5.0			1.26	2.22						
1190- 1240	5.0 P-11	Same as previous section. Remnant of graphitic schist from 1220 to 1230	871	5.0			1.10	3.49						
1240- 1290	5.0 P	Irregular patches of pyrite, pyrrhotite with a little galena and sphalerite with remnants of silicified sericite schist.	872	5.0			7.66	4.23						
1290- 1340	5.0 P	Same as previous section. Sparse Chalcopyrite.	873	5.0			1.18	1.27						
1340- 1390	5.0 P	As in previous section. The sericite schist remnants have a cherty, silicified appearance.	874	5.0			0.38	0.95						

DIAMOND DRILL RECORD,

HOLE NO. 97

PROPERTY Vanguardia Creek Y.T.SHEET NUMBER 3SECTION FROM 139.0 TO 159.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
139.0- 144.0	5.0	Massive fine grained pyrite containing fine magnetite threads and remnants of sericite schist.	875	5.0			0.16	0.11						
144.0- 149.0	5.0	Same as previous section from 144.0 to 148.0. Some fine-grained galena in pyrite and white quartz from 148.0 to 149.0.	876	5.0			4.16	2.85						
149.0- 154.0	5.0	Massive fine grained pyrite.	877	5.0			5.15	1.53						
154.0- 159.0	5.0	Massive galena with brecciated quartz from 151.5 to 152.0.												
159.0- 164.0	5.0	Massive pyrite containing remnants of bleached sericite schist // few small patches of magnetite in the former	878	5.0			0.33	Nil						

DIAMOND DRILL RECORD,

HOLE NO. 77

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 4SECTION FROM 1590 TO 1890

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
1590- 1640	5.0 P	Pyrite in irregular patches in silicified sericite schist. A few threads of magnetite. Relict banding at 80° to core.	879	5.0			0.03	Nil						
1640- 1690	5.0 P	Irregular patches of pyrite, pyrrhotite and white quartz with remnants of sericite schist	880	5.0			0.93	0.53						
1690- 1740	5.0 P	Same as previous section. A few threads of magnetite	881	5.0			0.55	0.42						
1740- 1790	3.3 P	Same as previous section with sparse galena and sphalerite.	882	5.0			1.92	3.07						
1790- 1840	2.2 M	Massive pyrite with remnants of silicified sericite schist.	883	5.0			1.43	3.71						
1840- 1890	3.7 P	Same as previous section. Sparse reddish brown sphalerite.	884	5.0			0.27	0.64						

DIAMOND DRILL RECORD,

HOLE NO. 77

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 5SECTION FROM 189.0 TO 226.0

STARTED _____

LATITUDE _____

DATUM End.

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
189.0	2.5	Light grey sericite schist	885	3.0			0.30	0.85						
192.0		containing several irregular												
		small patches of pyrite and												
		pyrrhotite. Sparse sphalerite.												
192.0	26.0	Light grey to medium grey												
226.0		sericite schist. Shearing at												
		70° to core. Ironish cast, in												
		part, due to chlorite; a little												
		talc present in the chloritic												
		sections. Scattered threads												
		and small patches of pyrrhotite												
		with a little associated chloropyrite												
		- no section worthy of assay												
		End of hole at 226.0												
		Average Recovery: 87.8%												
		Recovery in Mineralization: 91.7%												

Size of core: AX (1 3/16")

DIAMOND DRILL RECORD,

HOLE NO. 98

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 1SECTION FROM 0.0 TO 106.0STARTED May 9, 1955LATITUDE 29,009.74DATUM 4000COMPLETED May 11, 1955DEPARTURE 30,996.83BEARING Vertical holeULTIMATE DEPTH 173.0ELEVATION 4,070.06

DIP _____

PROPOSED DEPTH To cross-section mineralization.

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0-53.0	(16.1)	Casing (overburden)												
53.0-99.7	16.0	Medium gray sericite schist containing intermittent sections of graphitic material. Schist is fissile and badly broken on shear planes at 80° to core. Some disseminated pyrite between 81.0 and 81.5.												
99.7-102.0	2.3	Massive, compact pyrite containing small patches of galena and sphalerite at 101.0	886	2.3			3.06	2.86						
102.0-106.0	4.0	Massive pyrite containing sections of closely associated galena, sphalerite and silica.	887	4.0			3.83	3.92						

HOLE NO. 98

PROPERTY Vargorda Creek Y.T.

STARTED

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
106.0- 121.0	5.0	Light grey, bleached sericite schist. Shearing at 80° to core. Several small patches of white quartz. Core loss high due to friable, flaking nature of the schist.												
121.0- 126.0	3.0	Irregular patches of pyrite with minor galena and sphalerite in banded graphitic schist and silica.	888	5.0 4.0			4.15	7.03						
126.0- 131.0	4.7	Irregular patches of pyrite, galena and sphalerite replacing interbanded graphitic schist and silica grains.	889	5.0			3.83	9.20						
131.0- 133.0	1.9	Same as in previous section.	890	2.0			3.06	7.40						

DIAMOND DRILL RECORD,

HOLE NO. 98

PROPERTY

Vangorda Creek Y.T.

SHEET NUMBER

3

SECTION FROM

133.0 TO 164.0

STARTED

LATITUDE

DATUM

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
133.0- 146.6	11.6 5.6	Light grey sericite schist containing some irregular seams of chlorite, sparse pyrite and quartz. Shearing at 70° to core.												
146.6- 151.0	4.4 4.4	Fine-grained, uniformly distributed silica, pyrite, galena and sphalerite.	891	4.4			3.06	7.08						
151.0- 156.0	5.0 5.0	Massive pyrite containing several small patches of galena and sphalerite.	892	5.0			2.22	3.78						
156.0- 161.0	5.0 5.0	Massive pyrite containing a few seams of magnetite, sphalerite and galena.	893	5.0			2.62	1.90						
161.0- 163.0	3.0 3.0	Same as previous section. Considerable galena and sphalerite between 162.0 and 163.0	894	3.0			2.05	2.75						

HOLE NO.

Vangorda Creek Y.T.
1140

4

16-3-0

STARTED

End.

COMPLETED

[illegible]

0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000 5100 5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 8100 8200 8300 8400 8500 8600 8700 8800 8900 9000 9100 9200 9300 9400 9500 9600 9700 9800 9900 10000 10100 10200 10300 10400 10500 10600 10700 10800 10900 11000 11100 11200 11300 11400 11500 11600 11700 11800 11900 12000 12100 12200 12300 12400 12500 12600 12700 12800 12900 13000 13100 13200 13300 13400 13500 13600 13700 13800 13900 14000 14100 14200 14300 14400 14500 14600 14700 14800 14900 15000 15100 15200 15300 15400 15500 15600 15700 15800 15900 16000 16100 16200 16300 16400 16500 16600 16700 16800 16900 17000 17100 17200 17300 17400 17500 17600 17700 17800 17900 18000 18100 18200 18300 18400 18500 18600 18700 18800 18900 19000 19100 19200 19300 19400 19500 19600 19700 19800 19900 20000 20100 20200 20300 20400 20500 20600 20700 20800 20900 21000 21100 21200 21300 21400 21500 21600 21700 21800 21900 22000 22100 22200 22300 22400 22500 22600 22700 22800 22900 23000 23100 23200 23300 23400 23500 23600 23700 23800 23900 24000 24100 24200 24300 24400 24500 24600 24700 24800 24900 25000 25100 25200 25300 25400 25500 25600 25700 25800 25900 26000 26100 26200 26300 26400 26500 26600 26700 26800 26900 27000 27100 27200 27300 27400 27500 27600 27700 27800 27900 28000 28100 28200 28300 28400 28500 28600 28700 28800 28900 29000 29100 29200 29300 29400 29500 29600 29700 29800 29900 30000 30100 30200 30300 30400 30500 30600 30700 30800 30900 31000 31100 31200 31300 31400 31500 31600 31700 31800 31900 32000 32100 32200 32300 32400 32500 32600 32700 32800 32900 33000 33100 33200 33300 33400 33500 33600 33700 33800 33900 34000 34100 34200 34300 34400 34500 34600 34700 34800 34900 35000 35100 35200 35300 35400 35500 35600 35700 35800 35900 36000 36100 36200 36300 36400 36500 36600 36700 36800 36900 37000 37100 37200 37300 37400 37500 37600 37700 37800 37900 38000 38100 38200 38300 38400 38500 38600 38700 38800 38900 39000 39100 39200 39300 39400 39500 39600 39700 39800 39900 40000 40100 40200 40300 40400 40500 40600 40700 40800 40900 41000 41100 41200 41300 41400 41500 41600 41700 41800 41900 42000 42100 42200 42300 42400 42500 42600 42700 42800 42900 43000 43100 43200 43300 43400 43500 43600 43700 43800 43900 44000 44100 44200 44300 44400 44500 44600 44700 44800 44900 45000 45100 45200 45300 45400 45500 45600 45700 45800 45900 46000 46100 46200 46300 46400 46500 46600 46700 46800 46900 47000 47100 47200 47300 47400 47500 47600 47700 47800 47900 48000 48100 48200 48300 48400 48500 48600 48700 48800 48900 49000 49100 49200 49300 49400 49500 49600 49700 49800 49900 50000 50100 50200 50300 50400 50500 50600 50700 50800 50900 51000 51100 51200 51300 51400 51500 51600 51700 51800 51900 52000 52100 52200 52300 52400 52500 52600 52700 52800 52900 53000 53100 53200 53300 53400 53500 53600 53700 53800 53900 54000 54100 54200 54300 54400 54500 54600 54700 54800 54900 55000 55100 55200 55300 55400 55500 55600 55700 55800 55900 56000 56100 56200 56300 56400 56500 56600 56700 56800 56900 57000 57100 57200 57300 57400 57500 57600 57700 57800 57900 58000 58100 58200 58300 58400 58500 58600 58700 58800 58900 59000 59100 59200 59300 59400 59500 59600 59700 59800 59900 60000 60100 60200 60300 60400 60500 60600 60700 60800 60900 61000 61100 61200 61300 61400 61500 61600 61700 61800 61900 62000 62100 62200 62300 62400 62500 62600 62700 62800 62900 63000 63100 63200 63300 63400 63500 63600 63700 63800 63900 64000 64100 64200 64300 64400 64500 64600 64700 64800 64900 65000 65100 65200 65300 65400 65500 65600 65700 65800 65900 66000 66100 66200 66300 66400 66500 66600 66700 66800 66900 67000 67100 67200 67300 67400 67500 67600 67700 67800 67900 68000 68100 68200 68300 68400 68500 68600 68700 68800 68900 69000 69100 69200 69300 69400 69500 69600 69700 69800 69900 70000

ULTIMATE DEPTH

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PROPOSED DEPTH

Average recovery: 65.6%
Recovery in mineralization: 94%
Size of core: AX (1³/₁₆") 73.2%

HOLE NO. 99

PROPERTY Vangorda Creek Y.T

SHEET NUMBER 1

SECTION FROM 0.0 TO 45.0

STARTED May 12, 1955

LATITUDE 28.524.00

DATUM 4000

COMPLETED *May 14, 1955*

DEPARTURE 31.666.74BEARING Vertical hole

ULTIMATE DEPTH 291.0

ELEVATION 4 093.77

DIP _____

PROPOSED DEPTH *To cross-section mineralization*

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0- 30.0	(9.1)	Casing (overburden)												
30.0- 35.0	5.0 N	Massive fine grained pyrite, galena and sphalerite with some interstitial silica and remnants of kaolinized sericite schist	895	5.0			7.95	3.17						
35.0- 40.0	5.0 N	Massive pyrite containing seams of magnetite and several small patches of galena and sphalerite.	896	5.0			1.83	0.64						
40.0- 45.0	5.0 N	Same as previous section. A little white quartz and remnants of kaolinized sericite schist	897	5.0			1.96	2.76						

DIAMOND DRILL RECORD,

HOLE NO. 99

PROPERTY

Vangorda Creek Y.T.

SHEET NUMBER 2

SECTION FROM 45.0 TO 70.0

STARTED

LATITUDE

DATUM

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
45.0- 50.0	5.0	Pyrite with a little galena, sphalerite and magnetite. Some remnants of kaolinized sericite schist. Relict banding at 60° to core in one section.	898	5.0			1.94	1.90						
50.0- 55.0	5.0	Same mineralization as previous section.	899	5.0			0.30	Tr.						
55.0- 60.0	5.0	Pyrite containing sections of silicified and kaolinized sericite schist. A little magnetite, galena and sphalerite.	900	5.0			1.09	0.42						
60.0- 65.0	5.0	Same as previous section.	901	5.0			2.40	2.96						
65.0- 70.0	5.0	Fine grained, closely knit pyrite, galena, sphalerite and magnetite. Some remnants of sericite schist.	902	5.0			3.82	5.39						

HOLE NO. 99

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 2

SECTION FROM 70.0 TO 256.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 99

Vangorda Creek Y.T.

4

SECTION FROM 256.0 TO 274.0

STARTED

DATUM

COMPLETED

BEARING

ULTIMATE DEPTH

DIP

PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
		In the previous section, from 250.0 to 256.0 there is some interbanded graphitic material. The core is badly broken with a recovery of only 2 feet over this portion.												
256.0-261.0	5.0	Considerable fine pyrite, massive in part, replacing finely banded graphitic schist. Shearing at 15° to core.	904	5.0			0.47	0.21						
261.0-271.0	4.7	Finely-banded graphitic schist. Brittle and breaks in fragments between 261.0 and 267.0.												
271.0-274.0	2.5	Interbanded graphitic schist and silica grains. Some pyrite throughout. Shearing at 60° to core but consolidated in part.	905	3.0			0.25	Tr.						

HOLE NO. 29

SHEET NUMBER 5

SECTION FROM 2740 TO 2710

STARTED 11/11/2011 10:00 AM

LATITUDE _____

DATUM _____ *End*

COMPLETED

DEPARTURE

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP <https://doi.org/10.1002/dip.12155> Published online: 15 May 2024

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 100

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 1SECTION FROM 0.0 TO 103.0STARTED May 15, 1955.LATITUDE 28,175.66DATUM 4000COMPLETED May 16, 1955DEPARTURE 31,301.35BEARING Vertical holeULTIMATE DEPTH 150.0ELEVATION 4,055.73

DIP _____

PROPOSED DEPTH To 1025-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
00- 36.0 ⁽¹⁰⁾		Casing (with burden)												
36.0- 95.0	13.8	Graphitic schist breaching at 88 to core; brittle carbonaceous with a little interbanded silica. some interbanded sericite schist between 55.0 and 70.0. A little pyrite at 77.0 and 80.0. Core badly broken.												
95.0- 100.0	2.4	Several patches of massive fine grained pyrite in interbanded graphitic schist and silica.	907	5.0			0.61	1.16						
100.0- 103.0	2.2	Irregular patches of pyrite and pyrrhotite in remnants of kaolinized sericite schist.	908	3.0			1.27	1.32						

HOLE NO. 120

PROPERTY Vangorda Creek Y.T.

SECTION FROM 1030 TO # 1250 STARTED

DATUM _____

COMPLETED

BEARING _____

ULTIMATE DEPTH.....

DIP _____

PROPOSED DEPTH _____

[illegible]

Patches of pyrite and pyrrhotite
in pearly gray sericite schist.

HOLE NO. 100

Vangorda Creek Y.T.

SECTION FROM 125.0 TO 150.0

STARTED

DATUM

COMPLETED

BEARING

ULTIMATE DEPTH

DIP

PROPOSED DEPTH

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 101

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 1SECTION FROM 0.0 TO 1030STARTED May 16, 1955LATITUDE 28,029.50DATUM 4000COMPLETED May 18, 1955DEPARTURE 31,697.73BEARING Vertical holeULTIMATE DEPTH # 276.0ELEVATION 4,073.64

DIP

PROPOSED DEPTH To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0 - 29.0	(843)	Casing (overburden)												
29.0 - 95.0	23.5	Graphitic schist with some interbanded gray silica. Shearing at 80° to the core. A patch of massive pyrite containing vestiges of graphitic schist between 83.5 and 84.5.												
95.0 - 102.0	1.9	The initial part of the sample consists of graphitic schist fragments with a little pyrite; the core loss likely occurred in this section. Massive pyrite occurs from 99.0 to 100.0.	915	5.0			1.91	2.01	925	90-100		0.35	0.95	
100.0 - 103.0	3.0	Pyrite with some reddish-brown sphalerite in altered carbonatized graphitic schist.	916	3.0			3.56	3.82						

HOLE NO. 101

PROPERTY Vanderbilt Creek VT.

SHEET NUMBER 2

SECTION FROM 1030 TO 2500

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH.....

ELEVATION _____

DIP _____

PROPOSED DEPTH

[illegible]

230.0.

DIAMOND DRILL RECORD,

HOLE NO. 101

PROPERTY Vermont State Y.T.

SHEET NUMBER 3

SECTION FROM 230.0 TO 250.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
230.0-235.0	3.7	Bleached, fine-grained sericite schist containing several small patches of pyrite and pyrrhotite. A little interbedded graphitic material.	918	5.0			1.16	1.16						
235.0-240.0	5.0	Light gray, partially silicified sericite schist containing irregular threads and patches of pyrite and pyrrhotite. coarse sphalerite.	919	5.0			0.23	0.75						
240.0-245.0	5.0	Same as in previous section. Shearing at 70° to core.	920	5.0			0.23	0.74						
245.0-250.0	3.9	Light gray sericite schist containing interbedded sections of fine pyrite and pyrrhotite in the shear zone.	921	5.0			0.19	0.74						

HOLE NO. 44

101

STARTED _____

COMPLETED _____

ULTIMATE DEPTH

PROPOSED DEPTH _____

[illegible]

HOLE NO. 101

PROPERTY La Grange Creek Y.T.

SHEET NUMBER 5

SECTION FROM _____ TO END

STARTED

LATITUDE _____

DATUM _____

COMPLETED

DEPARTURE _____

BEARING

ULTIMATE DEPTH.

ELEVATION

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PROPOSED DEPTH _____

[illegible]

HOLE NO. 102

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 1

SECTION FROM 0.0 TO 1150

STARTED May 17, 1955.

LATITUDE *27.897.35*

DATUM 4000

COMPLETED May 19, 1955

DEPARTURE 31546.53

BEARING Vertical hole

ULTIMATE DEPTH 268.0

ELEVATION 4,081.55

DIP

PROPOSED DEPTH To cross-section mineralization

[illegible]

HOLE NO. 102

SHEET NUMBER 2 SECTION FROM 145.0 TO 248.0

LATITUDE _____ DATUM _____

DEPARTURE _____ BEARING _____

ELEVATION _____ **DIP** _____

STARTED 100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%

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ULTIMATE DEPTH

PROPOSED DEPTH _____

HOLE NO. 102

SHEET NUMBER 23SECTION FROM 248.0 TO 268.0

STARTED

LATITUDE _____

DATUM _____ *End.*

COMPLETED

DEPARTURE _____

BEARING

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH _____

occurs; weathering effects from surface appear to be the cause of the poor boring qualities in this zone.

DIAMOND DRILL RECORD,

HOLE NO. 103

PROPERTY *Vangorda Creek Y.T.*SHEET NUMBER *1*SECTION FROM *0.0* TO *146.8*STARTED *May 17, 1955*LATITUDE *27,871.74*DATUM *4000*COMPLETED *May 21, 1955*DEPARTURE *31,825.03*BEARING *Vertical hole*ULTIMATE DEPTH *276.0*ELEVATION *4,087.54*

DIP

PROPOSED DEPTH *To cross-section mineralization*

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
<i>20-</i> <i>26.0</i>	<i>(74)</i>	<i>Casing (overburden)</i>												
<i>26.0-</i> <i>115.0</i>	<i>26.3</i>	<i>Graphitic schist. Badly broken in buttons parallel to the shearing at 80° to core. Several fragments of pyrite between 47.0 and 55.0; sludges sent for assay due to low recovery over this section.</i>							<i>937</i>	<i>44-50</i>			<i>0.06</i>	<i>0.21</i>
									<i>938</i>	<i>50-60</i>			<i>Ti</i>	<i>0.42</i>
<i>115.0-</i> <i>120.0</i>	<i>2.9</i>	<i>Fragments of graphitic schist containing some interbanded silica. Several pieces of pyrite- pyrrhotite between 117.0-120.0.</i>	<i>933</i>	<i>5.0</i>			<i>1.12</i>	<i>1.27</i>						
<i>120.0-</i> <i>146.8</i>	<i>23.5</i>	<i>Medium grey sericite schist, chloritic in part. Chlorite shows some alteration to talc. Shearing at 80° to core. sparse pyrrhotite.</i>							<i>939</i>	<i>110-120</i>			<i>2.11</i>	<i>0.42</i>

DIAMOND DRILL RECORD,

HOLE NO. 103

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 2SECTION FROM 146.8 TO 181.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
146.8	9.4	Graphitic schist interbanded												
158.0	G	with some silica and sericite schist.												
158.0-	5.3	Medium gray sericite schist.												
165.8	G	Several patches of white quartz. Sparse pyrrhotite.												
165.8-	2.0	Graphitic schist interbanded with	934	4.2			0.98	0.45						
171.0	P	silica. Some fine pyrite grains throughout. Shearing at 80° to core.												
171.0-	3.0	Same as in previous section.	935	5.0			1.01	0.74	940	185-185		0.14	0.75	
176.0-	4.7	Massive fine grained pyrite	936	5.0			1.13	2.22	941	185-190		0.03	1.06	
181.0		replacing graphitic schist. Threads							942	190-195		Tr	0.63	
	M	of magnetite parallel to relict banding at 75° to core. Some associated galena and sphalerite between 180.5 and 181.0							943	195-200		Tr	0.63	

HOLE NO. 103

SHEET NUMBER 23

SECTION FROM 181.0 TO 276.0

STARTED _____

LATITUDE Range: 85.000000 to 90.000000 Unit: 1.000000 Value: 85.000000 Min: 85.000000 Max: 90.000000 Step: 1.000000 Decimals: 6

DATUM _____ *End.*

COMPLETED

DEPARTURE ▶

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH

[illegible]

HOLE NO. 104

1000

STARTED *Mar 20, 1755*

COMPLETED May 22, 1955

ULTIMATE DEPTH 260.0

PROPOSED DEPTH To cross-section mineralization

DIAMOND DRILL RECORD,

HOLE NO. 104

PROPERTY Vangerda Creek Y.T.SHEET NUMBER 2SECTION FROM 238.0 TO 260.0

STARTED _____

LATITUDE _____

DATUM End

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
238.0	2.0	Silicified sericite schist	947	2.0				0.340.36						
240.0		containing several massive sections of fine grained pyrrhotite sparse chalcopyrite.												
240.0	5.0	thin pyrrhotite schist with a little associated pyrite.	948	5.0				0.50.1.27						
245.0														
245.0	5.0	light gray silicified sericite schist	949	5.0				0.33.1.27						
250.0		containing irregular veins of pyrrhotite and pyrite. Bearing at 50° to core.												
250.0	10.0	light gray sericite schist with a little pyrrhotite to 255.0 Some chalcopyrite present from 255.0 to 260.0 shearing at 70° to core. End of hole at 260.0												
260.0														

Average Recovery: 53.6%
 Recovery in Mineralization: 100%
 Size of Core AX (1 3/16")

DIAMOND DRILL RECORD,

HOLE NO. 105

PROPERTY

Vangorda Creek Y.T.

SHEET NUMBER

1

SECTION FROM

0.0

TO 114.0

STARTED

May 21, 1955

LATITUDE

27,721.64

DATUM

4000

COMPLETED

May 23, 1955

DEPARTURE

31,956.19

BEARING

Vertical hole

ULTIMATE DEPTH

316.0

ELEVATION

4,101.40

DIP

PROPOSED DEPTH

To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0.0-		Casing (overburden)												
17.0	(5.19)													
17.0 - 8.7		Fragments and buttons of												
70.0	9	brittle graphitic schist. A little												
		associated white quartz.												
		Shearing at 70° to core.												
70.0 -		Dark gray sericite schist.												
106.0	5	Slightly talcose. Fissile shearing												
		at 80° to core.												
106.0	7.3	Massive pyrrhotite containing	950	3.0			1.40	1.48						
109.0	1	Some silicified remnants of												
		sericite schist.												
109.0 - 4.7		Massive pyrrhotite with a few	951	5.0			2.03	0.21						
114.0		brecciated inclusions of												
		silicified sericite schist.												

Two samples taken due to possibility
of a little finely associated sphalerite
and galena.

HOLE NO. 105

SHEET NUMBER 2

SECTION FROM 114.0 TO 316.0

STARTED

LATITUDE _____

DATUM _____ *End*

COMPLETED _____

DEPARTURE _____

BEARING

ULTIMATE DEPTH.....

ELEVATION

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PROPOSED DEPTH _____

[illegible]

HOLE NO. 105-

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 3

SECTION FROM 1 TO End

STARTED

LATITUDE

DATUM _____

COMPLETED 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

[illegible]

BEARING

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 106

PROPERTY

Vangorda Creek Y.T.

SHEET NUMBER

SECTION FROM 0.0

TO 23.0

STARTED

May 22, 1955.

LATITUDE

27,569.68

DATUM

4000

COMPLETED

May 24, 1955

DEPARTURE

32,086.60

BEARING

Vertical hole.

ULTIMATE DEPTH

278.0

ELEVATION

4,113.23

DIP

PROPOSED DEPTH

To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS				
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.	
0.0- 18.0 ⁽¹⁾		Casing (overburden)													
18.0- 83.0	13.4	Fragments and buttons of brittle graphitic schist containing a little interbanded silica and sericite schist Shearing at 80° to core.													
83.0- 88.0	2.7	Graphitic schist and interbanded silica containing considerable fine pyrite throughout. A few threads of pyrrhotite.	952	5.0				0.02	IV.1						
88.0- 93.0	1.4	Pyrite mineralization in graphitic schist as in previous section. No visible galena or sphalerite	953	5.0				Ti	Ti						

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION

DIP _____

PROPOSED DEPTH

[illegible]

HOLE NO. 106

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 4

SECTION FROM TO End

STARTED

LATITUDE _____

DATUM _____

COMPLETED

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION

DIP _____

PROPOSED DEPTH

[illegible]

HOLE NO. 107

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 1SECTION FROM 0.0 TO 21.0

STARTED Nov 23, 1955.

LATITUDE 27.484.75

DATUM 4000

COMPLETED May 25, 1955

DEPARTURE 31365.17

BEARING Vertical hole

ULTIMATE DEPTH 275.0

ELEVATION 4,106.24

DIP

PROPOSED DEPTH *To test for extension of*

[illegible]

HOLE NO. 107

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 2

SECTION FROM 211.0 TO 275.0

STARTED _____

LATITUDE _____

DATUM End.

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION

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PROPOSED DEPTH

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 108

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 1SECTION FROM 0.0 TO 57.0STARTED May 24, 1955LATITUDE 28,415.90DATUM 4000COMPLETED May 26, 1955DEPARTURE 32,154.28BEARING Vertical holeULTIMATE DEPTH 258.0ELEVATION 4,110.99

DIP _____

PROPOSED DEPTH To test N.E. of anomaly No. 6.

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0- (1)		Casing (w/ burden)												
39.0														
39.0- 42.0	3.0	Fine grained brittle pyrite containing some interstitial silica.	955	3.0			0.45	0.53						
42.0- 47.0	3.5	Same mineralization as previous section.	956	5.0			0.01	0.21	964	45-50			Ti	Nil
47.0- 53.0	1.2	Fragments of white quartz and sericite schist coated with iron oxide stain. Possible weathering channel extending from bedrock surface. Sludges included this section.							965	50-55			2.94	0.95
53.0- 57.0	2.6	Silicified sericite schist containing threads and small patches of pyrite and pyrrhotite.	957	4.0			0.20	1.16	966	55-60			0.86	0.74

HOLE NO. 108

PROPERTY Vangorda Creek Y.T.

SECTION FROM 570 TO 820

STARTED _____

DATUM

COMPLETED

BEARING

ULTIMATE DEPTH.

DIP

PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
57.0- 60.0	1.4	Pyrite, pyrrhotite, galena sphalerite and sparse chalcopyrite in close association, replacing sericite schist.	758	3.0			4.36	0.47						
60.0- 78.0	9.0	Fragments and buttons of silicified sericite schist containing some threads and small patches of pyrite and pyrrhotite. Shearing at 70° to core. Traces of galena and sphalerite. Sludges sent - recovery too low for core assay.							967	60-70			0.02	0.42
78.0- 82.0	1.4	Light gray silicified sericite schist containing streaks of pyrite, pyrrhotite, galena and sphalerite.	759	4.0			1.56	3.17						

HOLE NO. 108

SHEET NUMBER 3

SECTION FROM 87.0 TO 24.0

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH...

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO 108

PROPERTY

Vangorda Creek Y.T.SHEET NUMBER 4SECTION FROM 211.0 TO 225.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
110- 150	4.0 P. 4	Sericitic schist to 2130 and graphitic schist to 2150 both replaced by fine pyrite and pyrrhotite. No visible galena or sphalerite. Spacing at 80° to core.	961 962	4.0			0.33	1.06						
150- 200	4.1 P. 5	Sericitic schist, partially chloritic and containing several irregular patches of pyrrhotite and pyrite.	962 963	5.0			0.70	1.06						
200- 225.0	5.0 P.	Same as in previous section. Carbonatized in part. A little interbanded with graphitic schist. No visible galena or sphalerite in the pyrrhotite and pyrite.	963	5.0			0.39	1.16						

HOLE NO. 108

PROPERTY Vangorda Creek y.T.

SECTION FROM 225.0 TO 258.0

STARTED _____

DATUM End

COMPLETED _____

BEARING _____

ULTIMATE DEPTH

DIP

PROPOSED DEPTH

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 109

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 1SECTION FROM 0.0 TO 40.0STARTED May 25, 1955.LATITUDE 28,03514DATUM 4000COMPLETED May 28, 1955DEPARTURE 31,408.54BEARING Vertical holeULTIMATE DEPTH 337.0ELEVATION 4,076.64

DIP

PROPOSED DEPTH To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0.0		Casing (overburden)												
23.0														
23.0-	1.2	Massive, fine-grained pyrite,	969	2.0			4.28	8.98						
25.0	M	silica, galena and sphalerite.												
25.0-	4.2	Same mineralization as previous	970	5.0			5.48	8.76						
30.0	M	section. Relict banding at 70°												
		to core.												
30.0-	5.0	Silicified sericite schist	971	5.0			0.78	4.13						
35.0	P	containing patches of pyrite												
		with some associated galena												
		and sphalerite. Crenulated												
		graphitic schist from 33.6 to												
		35.0.												
35.0-	5.0	Massive pyrite with patches of	972	5.0			3.28	4.51						
40.0		galena, sphalerite and magnetite												
		containing remnants of silicified												
		sericite schist.												

(22) 3

DIAMOND DRILL RECORD,

HOLE NO. 109

PROPERTY Vangerda Creek Y.T.SHEET NUMBER 2SECTION FROM 40.0 TO 65.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
10.0- 15.0	5.0	Massive fine grained pyrite and silica with a little galena, sphalerite and magnetite.	973	5.0			0.69	0.64						
5.0- 50.0	5.0	Same as previous section with a sharp increase of galena and sphalerite from 48.0 to 50.0	974	5.0			0.55	3.06						
10.0- 15.0	5.0	Strong galena and sphalerite in a pyrite-silica matrix. Heavy magnetite from 52.0 to 53.0	975	5.0			5.18	8.15						
5.0- 10.0	5.0	Striaks of good galena-sphalerite in a pyrite, magnetite and silica gangue.	976	5.0			6.32	12.48						
0.0- 5.0	4.0	Closely knit, fine grained galena, sphalerite, pyrite, silica and magnetite.	977	5.0			7.68	12.54						

DIAMOND DRILL RECORD,

HOLE NO. 109

PROPERTY Vanguarda Creek V.T.SHEET NUMBER 3.SECTION FROM 65.0 TO 85.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
65.0- 70.0	5.0	Same mineralization as in previous section. Streaks of magnetite follow the relict banding at 50° to core.	978	5.0			3.72	5.72						
70.0- 75.0	5.0	Irregular patches of pyrite, galena and sphalerite in silicified sericite schist. Minor magnetite and pyrrhotite.	979	5.0			0.53	0.45						
75.0- 80.0	5.0	Same as previous section.	980	5.0			0.25	0.53						
80.0- 85.0	5.0	Silicified sericite schist containing patches of pyrite, pyrrhotite and minor galena, sphalerite and barite.	981	5.0			0.91	0.64						

DIAMOND DRILL RECORD.

HOLE NO. 109

PROPERTY Vangata Creek Y.T.SHEET NUMBER 4SECTION FROM 85.0 TO 290.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
35.0- 272.0	125.7	Light greenish-grey sericite schist. Greenish cast due to chlorite which shows partial alteration to talc. A few small patches of pyrite and pyrrhotite. Tissue shearing at 70° to core.												
272.0- 276.0	2.2	Fragments and buttons of graphitic schist. Some disseminated pyrite. A little inter banded talcose sericite schist.	982	4.0			0.02	0.42						
276.0- 280.0	3.9	Inter banded graphitic schist and silica, containing considerable pyrite and pyrrhotite. Some associated sphalerite (reddish-brown).	983	4.0			0.11	0.64						

HOLE NO. 109

PROPERTY Vangorda Creek Y.T.

SECTION FROM 280.0 TO 296.0

STARTED _____

DATUM _____

COMPLETED _____

BEARING _____

ULTIMATE DEPTH.....

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
280.0- 285.0 —	3.8 — q _c	Sericite schist, silicified and interbanded with graphitic schist. Some irregular patches of pyrite and pyrrhotite throughout; a little associated reddish-brown sphalerite.	984	5.0			0.75	1.38						
285.0- 290.0	3.9 1	Silicified sericite schist containing inclusions of pyrite, pyrrhotite and reddish- brown sphalerite. Shearing at 80° to core.	985	5.0			1.94	4.13						
290.0- 296.0 —	2.8 — q _{cs}	Graphitic schist interbanded with fine silica. Considerable fine pyrite. Core badly broken.	986	6.0			0.28	1.06	989	290-295			Tr	0.74

HOLE NO. 109

PROPERTY Vangorda Creek & T.

SHEET NUMBER 6

SECTION FROM 296.0 TO 337.0

STARTED _____

LATITUDE _____

DATUM End

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH. _____

ELEVATION

DIP 1

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 115

PROPERTY

Vargrda Creek Y.T.

SHEET NUMBER

1

SECTION FROM

0.0TO 195.0

STARTED

May 26, 1955

LATITUDE

27,443.47

DATUM

4000

COMPLETED

May 31, 1955

DEPARTURE

30,091.01

BEARING

Vertical hole

ULTIMATE DEPTH

304.0

ELEVATION

4,093.68

DIP

PROPOSED DEPTH

To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
00-		Casing (overburden)												
131.0														
131.0-160.0	6.2	Fragments of light grey sericite schist. A little associated talc and white quartz.												
160.0-172.0	3.5	Graphitic schist with some interbedded grey silica grains.												
		Shearing at 40° to core. Several small carbonate threads; sparse pyrite.												
172.0-195.0	7.8	Fragments of brittle, massive, fine grained pyrite. Sparse sphalerite, magnetite and white quartz. Sludges sent for assay due to low recovery.							1007	170-180		1.37		2.12
	M?								1008	180-190		0.22		0.85
									1009	190-200		0.31		0.36

DIAMOND DRILL RECORD,

HOLE NO. 110

PROPERTY Vanderda Creek Y.T.SHEET NUMBER 2SECTION FROM 175.0 TO 240.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
195.0- 200.0	4.7 M ⁽¹⁾ ?	Massive fine grained pyrite containing remnants of bleached sericite schist.	1000	5.0			0.45	0.74	1010	200-210			0.28	1.48
200.0- 210.0	1.4 M ⁽¹⁾	Fragments of brittle pyrite containing remnants of bleached sericite schist and sparse galena and sphalerite. Due to low recovery, sludges sent for assay.							1011	210-220 220			0.42	1.67
210.0- 215.0	3.5	Massive pyrite containing a little magnetite, sphalerite and galena.	1001	5.0			1.21	4.65						
215.0- 220.0	3.0	Massive pyrite containing remnants of sericite schist.	1002	5.0			0.33	1.27	1012	220-230			0.61	1.58
220.0- 240.0	5.3	Fragments of brittle pyrite, quartz and a little galena and sphalerite. Sludges sent for assay due to low recovery.							1013	230-240			0.20	0.74

HOLE NO. 110

STARTED _____

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
240.0- 245.0	2.8	Closely knit pyrite and silex containing a short section of bleached sericite schist.	1003	5.0			0.33	0.95	1014	240-250			Tr	0.5
245.0- 250.0	5.0	Massive, brittle pyrite containing vestiges of unplaced sericite schist	1004	5.0			0.02	0.11						
250.0- 270.0	8.9	Light gray to white sericite schist, strongly talcose. Shearing 60° to core. Little pyrite and pyrrhotite												
270.0- 275.0	2.3	Massive pyrrhotite with remnants of bleached sericite schist in the irregularities of the sulphide.	1005	5.0			Nil	0.11						
275.0- 279.0	1.9	Some disseminated pyrite and pyrrhotite in light gray, crystallized sericite schist	1006	4.0			2.02	Nil						

HOLE NO. 110

SHEET NUMBER 4

SECTION FROM 2790 TO 3040

STARTED

LATITUDE _____ Longitude _____

DATUM _____ *End*

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH _____

[illegible]

HOLE NO. 111

PROPERTY

Vagunda Cech & T.

SHEET NUMBER

SECTION FROM 62 TO 765

STARTED 4/27, 1955

LATITUDE 28.263.96

DATUM 4000

COMPLETED May 27, 1955

DEPARTURE 32,282.26

BEARING Vertical hole

ULTIMATE DEPTH 318.0

ELEVATION 4,120.94

DIP

PROPOSED DEPTH *To cross-section mineralization*

[illegible]

alteration to take. Allow threads
of pyrrhotite and pyrite.

HOLE NO. 111

Vanger la Cere 17.

STARTED _____

COMPLETED _____

ULTIMATE DEPTH

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
262.5- 265.0	1.8	Graphitic schist. Shearing at 80° to core. A few threads of pyrrhotite.												
265.0- 270.0	4.0	Graphitic schist and silica, with some interbanded sericite schist. Considerable fine pyrite and pyrrhotite.	991	5.0			0.28	0.32					0.28	0.32
270.0- 275.0	5.0	Graphitic schist and int. banded silica, silicified from 274.0 to 275.0. Considerable fine pyrite; sparse reddish brown sphalerite.	992	5.0			0.22	1.06					0.22	1.06
275.0- 280.0	5.0	Graphitic schist containing quartzous threads and small patches of pyrite. Shearing at 80° to core.	993	5.0			0.20	1.48					0.20	1.48

HOLE NO.

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
2800- 2850	5.0 1	Same as previous section to 2810. Balance of section is silicified sericite schist, well mineralized with pyrite. Sparse phalcolite. Shearing at 60° to core	994	5.0			0.22	0.53					0.22	0.53
2850- 290.0	5.0	Mineralized silicified sericite schist as in previous section	995	5.0			Tr	0.32					Tr	0.32
290.0- 295.0	4.9	Silicified sericite schist containing strong bands of fine pyrite, quartz roughly by the schist shearing at 60° to core.	996	5.0			Tr	Nil					Tr	Nil
2950- 300.0	5.0 1	Same as previous section with a little interbedded graphitic schist. Chiefly pyrobitite from 2980 to 300.0	997	5.0			0.28	0.95					0.28	0.95

HOLE NO. 11

STARTED _____

COMPLETED _____

ULTIMATE DEPTH_____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 109

PROPERTY Vanguarda Creek Y.T.SHEET NUMBER 4SECTION FROM 85.0 TO 280.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
85.0- 272.0	12.7	Light greenish-grey sericite schist. Greenish cast due to chlorite which shows partial alteration to talc. A few small patches of pyrite and pyrrhotite. Tissue sheering at 70° to core.												
272.0- 2760	2.2	Fragments and buttons of graphitic schist. Some disseminated pyrite. A little inter banded talcose sericite schist.	982	4.0			0.02	0.42						
2760- 280.0	3.9	Inter banded graphitic schist and silica, containing considerable pyrite and pyrrhotite. Some associated sphalerite (reddish-brown).	983	4.0			0.11	0.64						

HOLE NO. 109

PROPERTY Vanguarda Creek Y.T.

SECTION FROM 280.0 TO 296.0

STARTED _____

DATUM _____

COMPLETED _____

BEARING _____

ULTIMATE DEPTH

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
280.0- 285.0	3.8	Sericite schist, silicified and interbanded with graphitic schist. Some irregular patches of pyrite and pyrrhotite throughout; a little associated reddish-brown sphalerite.	984	5.0			0.75	1.38						
285.0- 290.0	3.9	Silicified sericite schist containing amonitions of pyrite, pyrrhotite and reddish- brown sphalerite. Shearing at 80° to core.	985	5.0			1.99	4.13						
290.0- 296.0	2.8	Graphitic schist interbanded with fine silica. Considerable fine pyrite. Core badly broken.	986	6.0			0.28	1.06	989	290-292.5			Tr	0.74

HOLE NO. 109

PROPERTY Vanguardia Creek Y.T.

SHEET NUMBER. 6

SECTION FROM 296.0 TO 337.0

STARTED _____

LATITUDE 33° 30' N

DATUM End

COMPLETED _____

DEPARTURE _____

BEARING

ULTIMATE DEPTH_____

ELEVATION _____

DIP

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 110

PROPERTY

Vargrda Creek Y.T.

SHEET NUMBER 1

SECTION FROM 0.0 TO 195.0

STARTED May 26, 1955

LATITUDE 27,443.47

DATUM 4000

COMPLETED May 31, 1955

DEPARTURE 30,891.01

BEARING Vertical hole

ULTIMATE DEPTH 304.0

ELEVATION 4,093.68

DIP

PROPOSED DEPTH To C1033-section mineralization.

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0.0-		Casing (overburden)												
131.0														
131.0-6.2		Fragments of light grey sericite												
160.0	S	Schist. A little associated talc and white quartz.												
160.0-3.5		Graphitic schist with some												
172.0		interbanded grey silica grains.												
	G	Shearing at 40° to core. Several small carbonate threads; sparse pyrite.												
172.0-7.8		Fragments of brittle, massive, fine grained pyrite. Sparse												
195.0	M?	sphalerite, magnetite and white quartz. Sludges sent for assay due to low recovery.							1007	170-180			1.37	2.12
									1008	180-190			0.22	0.85
									1009	190-200			0.31	0.36

DIAMOND DRILL RECORD,

HOLE NO. 110

PROPERTY Vanderda Creek Y.T.SHEET NUMBER 2SECTION FROM 175.0 TO 240.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
195.0- 200.0	4.7 M-5b ?	Massive fine grained pyrite containing remnants of bleached sericite schist.	1000	5.0			0.95	0.74	1010	200-210			0.29	1.49
200.0- 210.0	4.4 M-5b	Fragments of brittle pyrite containing remnants of bleached sericite schist and sparse galena and sphalerite. Due to low recovery, sludges sent for assay.												
210.0- 215.0	3.5	Massive pyrite containing a little magnetite, sphalerite and galena.	1001	5.0			1.31	4.65	1011	210-220			0.42	1.69
215.0- 220.0	3.0	Massive pyrite containing remnants of sericite schist.	1002	5.0			0.33	1.77	1012	220-230			0.61	1.58
220.0- 240.0	5.3	Fragments of brittle pyrite, quartz and a little galena and sphalerite. Sludges sent for assay due to low recovery.							1013	230-240			0.20	0.74

HOLE NO. 110

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
240.0 245.0	2.8	Closely knit pyrite and silica containing a short section of bleached sericite schist.	1003	5.0			0.23	0.95	1014	240-250			Tr	0.53
245.0 250.0	5.0	Massive, brittle pyrite containing vestiges of unplaced sericite schist.	1004	5.0			0.02	0.11						
250.0 270.0	8.9	Light gray to white sericite schist, strongly talcose. Bearing 60° to core. A little pyrite and pyrrhotite.												
270.0 275.0	2.3	Massive pyrrhotite with remnants of bleached sericite schist in the irregularities of the sulphide.	1005	5.0			Nil	0.11						
275.0 279.0	1.9	Some disseminated pyrite and pyrrhotite in light gray, crystallized sericite schist.	1006	4.0			0.03	Nil						

HOLE NO. 110

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 4

SECTION FROM 2790 TO 3040

STARTED

LATITUDE _____

DATUM End

COMPLETED _____

DEPARTURE

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

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PROPOSED DEPTH

[illegible]

HOLE NO. 111

PROPERTY

Waggoner, C. C. & T.

SHEET NUMBER

SECTION FROM 62 TO 765

STARTED W/af 27,1255

LATITUDE 28.263.96

DATUM 4000

COMPLETED May 27, 1955

DEPARTURE 32,282.26

BEARING Vertical hole

ULTIMATE DEPTH 318.0

ELEVATION 4,120.94

DIP

PROPOSED DEPTH *To cross-section mineralization*

[illegible]

alteration to take. Along threads
of pyrrhotite and pyrite.

DIAMOND DRILL RECORD,

HOLE NO. 111

PROPERTY

Vangerda Creek Y.T.

SHEET NUMBER

2

SECTION FROM 262.5 TO 280.0

STARTED

LATITUDE

DATUM

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
262.5- 265.0	1.8	Graphitic schist. Shearing at 80° to core. A few threads of pyrrhotite.												
265.0- 270.0	4.0	Graphitic schist and silica, with some interbanded sericite schist. Considerable fine pyrite and pyrrhotite.	991	5.0			0.28	0.32					0.28	0.32
270.0- 275.0	5.0	Graphitic schist and int. banded silica, silicified from 274.0 to 275.0. Considerable fine pyrite, sparse reddish brown sphalerite.	992	5.0			0.22	1.06					0.22	1.06
275.0- 280.0	5.0	Graphitic schist containing numerous threads and small patches of pyrite. Shearing at 80° to core.	993	5.0			0.20	1.48					0.20	1.48

HOLE NO.

STARTED _____

COMPLETED _____

ULTIMATE DEPTH _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 11

PROPERTY

Vangirda Creek Y.T.

SHEET NUMBER

4

SECTION FROM 500.0 TO 318.0

STARTED

LATITUDE.

DATUM

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP_

PROPOSED DEPTH

[illegible]

HOLE NO. *112*

Wagdy G. El-Zohry

SECTION FROM 0.0 TO 69.0

STARTED May 29, 1955

DATUM 4000

COMPLETED June 1, 1955

BEARING Vertical hole

ULTIMATE DEPTH 2970

DIP

PROPOSED DEPTH *To cross-section mineralization*

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 112

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 2

SECTION FROM 69.0 TO 108.4

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 112

PROPERTY

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER 3

SECTION FROM 188.4 TO 297.0

STARTED _____

LATITUDE.

DATUM

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP.

PROPOSED DEPTH

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 113

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 1SECTION FROM 0.0 TO 200.0STARTED May 30, 1955LATITUDE 28,569.04DATUM 4000COMPLETED June 2, 1955DEPARTURE 32,025.15BEARING Vertical holeULTIMATE DEPTH 328.0ELEVATION 4,107.75

DIP

PROPOSED DEPTH To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0.0-		Casing (overburden)												
33.0														
33.0-192.5	67.0	Light greenish-grey sericite schist, talcose in part. Core badly broken on shear planes at 80° to core between 33.0 and 118.0. A few small patches of white quartz.												
192.5-197.0	3.5	Irregular threads and small patches of fine grained pyrrhotite in bleached sericite schist. Sparse reddish-brown sphalerite.	1022	3.5			0.50	1.16						
197.0-200.0	2.4	Considerable fine pyrrhotite replacing bleached sericite schist. The pyrrhotite is massive in part.	1023	3.0			0.95	1.90						

HOLE NO. 113

SHEET NUMBER 2

SECTION FROM 200.0 TO 388.0

STARTED _____

LATITUDE _____

DATUM End.

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH__

ELEVATION _____

DIP

PROPOSED DEPTH

[illegible]

HOLE NO. 114

SHEET NUMBER 1

SECTION FROM 0.0 TO 2390

STARTED June 1, 1955

LATITUDE 29.53.22

DATUM 4000

COMPLETED June 5 1955

DEPARTURE 30,735.61

BEARING Vertical hole

ULTIMATE DEPTH 228.0

ELEVATION 4,093.80

DIP _____

PROPOSED DEPTH To cross-section mineralization

DEPTH FEET	CORE RECOVER	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0.0- 10.0		Casing (over burden)												
10.0- 116.0	1.2	Fragments and short sections of closely-knit silica, pyrite, galena and sphalerite. Relict banding at 50° to core. Sludges sent for assay due to low core recovery; no water return to 1050.							1026	105-110			0.31	1.86
									1027	110-115			0.11	0.21
116.0- 234.0	4.8	Light greenish-grey sericite schist, talcose in part. Shearing at 20° to core but crepeulated and masked by quartz-carbonate in some sections.												
234.0- 239.0	4.1	Fine grained pyrite, massive in part, replacing graphitic schist. The schist is interbedded with silica veins.	1028	5.0			4.06	7.00						

HOLE NO. 114

SHEET NUMBER 2

SECTION FROM 239.0 TO 298.0

STARTED _____

LATITUDE _____

DATUM _____ *End*

COMPLETED

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

Average Recovery: 50.2%
Recovery in Mineralization: 50%
Size of Core: 8x (1 3/4")

DIAMOND DRILL RECORD,

HOLE NO. 115

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 1SECTION FROM 0.0 TO 90.0STARTED June 3, 1955LATIT DE 30,085.65 9170.10DATUM 4000COMPLETED June 6, 1955DEPARTURE 30,387.35 9262.06BEARING Vertical hole.ULTIMATE DEPTH 357.0ELEVATION 4,034.0 +259' 1308.50 DIPPROPOSED DEPTH To cross section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0.0-1.7		Casing (overburden)												
27.0														
27.0-68.0	18.2	Light gray sericite schist containing some interbanded graphitic material. Some talc present. Shearing at 75° to core.												
68.0-81.0	4.0	Graphitic schist with some interbanded, granular silica. A little fine pyrite.												
81.0-85.0	3.6	Granulated graphitic schist. Considerable fine pyrite and a little galena, sphalerite and chalcopyrite. Some interbanded gray silica.	1031	4.0			2.57	5.87						
85.0-90.0	3.7	Same as in previous section.	1032	5.0			3.05	4.12						

HOLE NO. 115

SHEET NUMBER 2

SECTION FROM 90.0 TO 126.2

STARTED _____

LATITUDE.....

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
90.0- 95.2	2.4	Crenulated graphitic schist and silica containing mineralization as in previous section.	1033	5.2			7.15	4.74						
95.2- 110.0	10.5	Light greenish-grey, talcose sericite schist. Shearing at 50° to core. Short interbanded sections of graphitic schist.												
110.0- 134.0	20.9	Graphitic schist and interbanded silica, with some fine pyrite throughout. Not worthy of assay due to lack of galena and sphalerite.												
134.0- 136.2	2.3	Crenulated graphitic schist and silica. Carbonatized and containing threads of pyrite, galena and sphalerite in minor amount.	1034	2.3			2.95	2.70						

DIAMOND DRILL RECORD,

HOLE NO. 115

PROPERTY Vargorda Creek Y.T.SHEET NUMBER 3SECTION FROM 136.3 TO 164.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
136.3 139.0	2.7	Fine grained, closely associated pyrite, galena, sphalerite and silica. Some white quartz in small patches.	1035	2.7			6.09	1.62						
139.0- 144.0	5.0	Same as in previous section with a little magnetite.	1036	5.0			2.71	0.65						
144.0- 149.0	5.0	Fine grained pyrite, galena, sphalerite and magnetite in close association.	1037	5.0			6.77	7.42						
149.0- 154.0	5.0	As in previous section; relict banding at 70° to core.	1038	5.0			3.61	7.21						
154.0- 159.0	5.0	Coarsely knit pyrite, pyrrhotite, galena, sphalerite and silica.	1039	5.0			7.16	5.87						
159.0- 164.0	5.0	Same as in previous section. Some vestiges of sericite schist.	1040	5.0			5.87	4.02						

DIAMOND DRILL RECORD,

HOLE NO. 115

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 4SECTION FROM 1640 TO 1890

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
1640- 1690	5.0	Pyrite and pyrrhotite with good galena and sphalerite in a silica matrix. Pellet banding at 70° to core.	1041	5.0			3.95	5.56						
1690- 1740	5.0	Dominantly massive pyrite and pyrrhotite with some associated galena and sphalerite. Vestiges of sericite schist.	1042	5.0			4.85	5.05						
1740- 1790	3.9	Closely-knit, fine-grained pyrite, galena, sphalerite and silica.	1043	5.0			4.40	8.34						
1790- 1840	3.9	Massive, fine-grained pyrite with sections of galena, sphalerite and silica in close association.	1044	5.0			1.58	6.08						
1840- 1890	5.0	Same mineralization as in previous section.	1045	5.0			1.18	8.65						

DIAMOND DRILL RECORD,

HOLE NO. 115

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 5SECTION FROM 189.0 TO 214.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
189.0- 194.0	4.5	Massive fine-grained pyrite containing some irregular sections of galena, sphalerite and silica.	1046	5.0			3.39	5.47						
194.0- 199.0	4.5	Pyrite and silica, well mineralized with galena and sphalerite	1047	5.0			5.42	7.37						
199.0- 204.0	4.7	Same as previous section with some vestiges of sericite schist.	1048	5.0			2.18	10.67						
204.0- 209.0	4.4	Fine grained pyrite, silica, galena and sphalerite. Vestigial banding at 10" to core	1049	5.0			0.75 2.18	7.73 10.62						
209.0- 214.0	5.0	Same as previous section to 211.5. The balance of the section is dominantly pyrite and pyrrhotite with some interstitial galena and sphalerite.	1050	5.0			3.66	6.23						

HOLE NO. 115

SHEET NUMBER 6

SECTION FROM 2140 TO 2390

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
214.0- 217.0	5.0	Massive fine-grained pyrite containing a little galena and sphalerite.	1051	5.0			2.29	2.78						
219.0- 224.0	5.0	Same as previous section to 220.5. Balance of the section is graphitic schist and interbanded silica well mineralized with pyrite.	1052	5.0			1.85	5.26						
224.0- 229.0	5.0	Massive fine-grained pyrite containing remnants of graphitic schist and a little galena and sphalerite.	1053	5.0			1.62	4.54						
229.0- 234.0	4.7	Massive fine-grained pyrite.	1054	5.0			0.67	2.78						
234.0- 239.0	5.0	Same as previous section.	1055	5.0			0.78	1.96						

DIAMOND DRILL RECORD,

HOLE NO. 115

PROPERTY

Vanguardia Creek Y.T.

SHEET NUMBER

7

SECTION FROM

239.0 TO 254.0

STARTED

LATITUDE

DATUM

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
239.0- 244.0	4.0	Fine-grained, closely-knit pyrite, silica, galena and sphalerite. Relict bedding at 70° to core.	1056	5.0			3.60	7.83						
244.0- 249.0	5.0	From 244.0 to 248.0, a barren of medium-grained, carbonaceous grayish gray rock which may be an altered diorite dike. Good pyrite, silica, galena and sphalerite from 248.0 to 242.0. The dike was included in the sample for averaging purposes.	1057	5.0			7.01	7.97						
249.0- 254.0	5.0	Fine-grained pyrite, silica, magnetite blebs, galena and sphalerite in irregular patterns, in remnants of sericite schist.	1058	5.0			5.00	4.95						

DIAMOND DRILL RECORD,

HOLE NO. 115

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 8SECTION FROM 2540 TO 2840

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
2540- 2590	5.0	Massive fine-grained pyrite containing blebs of magnetite and remnants of silicified sericite schist.	1059	5.0			1.09	1.34						
2590- 2640	5.0	Massive pyrite and pyrrhotite in silicified sericite schist. A little galena and sphalerite.	1060	5.0			0.28	0.83						
2640- 2690	5.0	Same as in previous section	1061	5.0			0.47	1.75						
2690- 2740	5.0	Pyrite, pyrrhotite, magnetite blebs and a little galena and sphalerite in silicified sericite schist.	1062	5.0			0.70	1.44						
2740- 2790	5.0	Same as in previous section.	1063	5.0			1.03	1.76						
2790- 2840	5.0	Considerable fine pyrite, minor pyrrhotite magnetite galena and sphalerite in silicified sericite schist.	1064	5.0			0.70	0.83						

DIAMOND DRILL RECORD,

HOLE NO. 115

PROPERTY Vanguarda Creek Y.T.SHEET NUMBER 9SECTION FROM 2840 TO 3090

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
2840- 2890	5.0	Silicified sericite schist containing irregular patches of pyrite, pyrrhotite, magnetite and sparse galena and sphalerite in close association.	1065	5.0			0.17	0.42						
2890- 2940	5.0	Vebs of pyrrhotite, pyrite, sparse chalcopyrite in silicified sericite schist.	1066	5.0			0.23	0.10						
2940- 2990	5.0	Same as in previous section.	1067	5.0			0.14	0.31						
2990- 3040	5.0	Same as in previous sections.	1068	5.0			0.28	0.10						
3040- 3090	5.0	Scattered threads and patches of pyrite, pyrrhotite, galena and sphalerite in sericite schist.	1069	5.0			0.11	0.93						

HOLE NO. 115

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER 11

SECTION FROM 3516 TO 3570

STARTED _____

LATITUDE. _____

DATUM End.

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 116

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 2

SECTION FROM 51.5 TO 195.2

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 116

PROPERTY Vanguarda Creek Y.T.SHEET NUMBER 3SECTION FROM 195.3 TO 220.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
195.3- 200.0	4.7 P	Graphitic schist containing considerable fine interbanded pyrite and silica. Shearing at 80° to core.	1078	4.7			0.03	1.03						
200.0- 205.0	5.0 P	Silicified sericite schist. Some fine pyrite, pyrrhotite and a little sphalerite & galena.	1079	5.0			0.31	0.72						
205.0- 210.0	5.0 P	Same as in previous section.	1080	5.0			2.93	2.68						
210.0- 215.0	5.0 P	Silicified sericite schist mineral- ized as in previous sections.	1081	5.0			1.31	2.68						
215.0- 220.0	4.5 P	Bleached sericite schist containing veins of pyrite and pyrrhotite and sparse chalcopyrite.	1082	5.0			0.45	0.52						

DIAMOND DRILL RECORD,

HOLE NO. 116

PROPERTY Vangorda Y.T.SHEET NUMBER 4SECTION FROM 220.0 TO 240.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
220.0- 225.0	4.8	Sericite schist, bleached and silicified containing pyrite, pyrrhotite and chalcopyrite, in webs and small patches. Several small patches of pink garnet.	1083	5.0			0.02	0.52						
225.0- 230.0	5.0	Bands of fine pyrite following the shear planes at 70° to core in the plane of the schistosity, up to 1" in width.	1084	5.0			0.70	0.51						
230.0- 235.0	3.8	Graphitic schist, crenulated and mineralized as in previous section.	1085	5.0			2.04	4.12						
235.0- 240.0	5.0	Same as previous section.	1086	5.0			1.51	3.50						

HOLE NO. 116

SHEET NUMBER 5

SECTION FROM 240.0 TO 326.0

STARTED _____

LATITUDE _____

DATUM _____ End.

COMPLETED

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 117

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 1SECTION FROM 0.0 TO 128.0STARTED June 6, 1955LATITUDE 29,183.70DATUM 4000COMPLETED June 14, 1955DEPARTURE 30,583.98BEARING Vertical hole.ULTIMATE DEPTH 380.0ELEVATION 4,003.62

DIP

PROPOSED DEPTH To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0-98.0	(100)	Casing (overburden)												
98.0-110.0	1.4	Fragments of light gray sericite schist containing a little graphite interbanding.												
110.0-115.0	2.9	Massive, fine grained pyrite.	1088	5.0			2.03	2.17						
115.0-120.0	4.4	Massive, fine grained pyrite containing vestiges of sericite schist.	1089	5.0			1.87	1.75						
120.0-123.0	1.2	Massive pyrite containing a little associated magnetite, galena, sphalerite and remnants of sericite schist.	1090	3.0			2.12	2.17						
123.0-128.0	2.0	Massive pyrite in association with some vestiges of sericite schist and irregular patches of white quartz.	1091	5.0			1.98	1.55						

H.W.

HOLE NO. 117

SHEET NUMBER 2

SECTION FROM 128.0 TO 152.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
1280- 133.0	4.7 M	Massive pyrite containing irregular patches of magnetite and remnants of sericite schist	1090	5.0			1.81	2.06						
133.0- 137.4	4.2 M	Same as in previous section Light grey sericite schist	1090	4.4			2.57	2.71						
137.4- 147.0	4.7	Containing some interbanded graphitic schist between 1420 and 1470. Several patches of white quartz. Shearing at 80° to core.												
1470- 152.0	4.7	Patches and small stringers of pyrite in light grey sericite schist. Shearing at 80° to core. A little magnetite and sparse galena and sphalerite.	1094	5.0			2.18	1.13						

HOLE NO. 117

SHEET NUMBER 3

SECTION FROM 152.0 TO 201.5

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
152.0- 157.0	4.7	Massive pyrite containing scattered threads of magnetite.	1095	5.0			1.92	2.58						
157.0- 190.0	16.0	Medium gray sericite containing some interbanded sections of graphitic schist. Shearing at 80° to core.												
190.0- 195.0	3.1	Crenulated graphitic schist containing some fine pyrite and pyrrohotite throughout.	1096	5.0			1.03	2.37						
195.0- 200.0	3.7	Same as previous section, with some interbanded silica.	1097	5.0			2.12	2.68						
200.0- 204.5	1.5	Massive fine pyrite with some associated galena and sphalerite.	1098	1.5			2.38	4.22						

HOLE NO. 117

PROPERTY Vargorda Creek Y.T.

SHEET NUMBER 4

SECTION FROM 204.5 TO 345.0

STARTED _____

LATITUDE 34° 15' N

DATUM _____

COMPLETED

DEPARTURE

BEARING _____

ULTIMATE DEPTH

ELEVATION

DIP _____

PROPOSED DEPTH

[illegible]

HOLE NO. 117

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER 5

SECTION FROM 345.0 TO 380.0

STARTED _____

LATITUDE _____

DATUM Encl.

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION

DIP _____

PROPOSED DEPTH

[illegible]

HOLE NO. 118

SHEET NUMBER 1

SECTION FROM 00 TO 50.0

STARTED June 6, 1955

LATITUDE - 26.222.85

DATUM 4000

COMPLETED June 9, 1955

DEPARTURE 31,928.36

BEARING Vertical hole

ULTIMATE DEPTH 319.0

ELEVATION 4,100.13

DIP _____

PROPOSED DEPTH *To cross-section mineralization*

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0-		Casing (overburden)												
33.0	(10)													
33.0-38.0	E6	Irregular patches of fine-grained pyrite in silicified graphitic schist.	1097	5.0			0.31	Nil						
38.0-43.0	F4	Same as in previous section to 40.0; schist in balance of section.	1100	5.0			0.45	0.41						
43.0-48.0	M	Massive, fine-grained pyrite containing vestiges of graphitic and sericite schist.	1101	5.0			Tr	0.52						
48.0-53.0	N	Massive pyrite with vestiges of sericite schist, silicified.	1102	5.0			0.01	0.31						
53.0-58.0	I	Same as in previous section.	1103	5.0			0.01	0.82						

DIAMOND DRILL RECORD,

HOLE NO. 118

PROPERTY Vangorda Creek V.T.SHEET NUMBER 2SECTION FROM 58.0 TO 93.0

STARTED

LATITUDE

DATUM

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
58.0- 63.0	4.7	Massive pyrite with some interstitial silica and vestiges of sericite schist.	1104	5.0			Tr	0.41						
63.0- 68.0	5.0	Massive, brittle fine-grained pyrite.	1105	5.0			Tr	0.41						
68.0- 73.0	5.0	Massive pyrite with remnants of sericite schist.	1106	5.0			0.68	0.41						
73.0- 78.0	5.0	Same as previous section.	1107	5.0			0.45	0.72						
78.0- 83.0	5.0	Same as in previous sections with sparse magnetite.	1108	5.0			0.34	1.44						
83.0- 88.0	5.0	Massive pyrite with streaks of magnetite and vestiges of sericite schist.	1109	5.0			0.02	0.31						
88.0- 93.0	4.2	Disseminated pyrite in a silicified sericite schist matrix.	1110	5.0			0.34	0.10						

HOLE NO. 118

SHEET NUMBER 3.

SECTION FROM 93.0 TO 118.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP 10

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 118

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 4SECTION FROM 118.0 TO 143.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
118.0-123.0	5.0	Pyrite containing vestiges of sericite schist. Some streaks of associated magnetite, galena and sphalerite.	1116	5.0			1.02	3.79						
123.0-128.0	2.0	Light gray sericite schist with scattered threads of pyrite. Shearing at 30° to core	1117	5.0			0.01	0.52						
128.0-133.0	2.3	As in previous section, with some irregular patches of white quartz.	1118	5.0			2.15	1.13						
133.0-138.0	2.6	Fragments of light gray sericite schist containing some fine pyrite and a little galena and sphalerite.	1119	5.0			6.33	5.87						
138.0-143.0	5.0	Sericite schist with patches of pyrrhotite with a little galena and reddish brown sphalerite.	1120	5.0			3.50	7.59						

HOLE NO. 118

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 5

SECTION FROM 143.0 TO 275.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH

[illegible]

HOLE NO. 118

SHEET NUMBER 6

SECTION FROM 275.0 TO 317.0

STARTED _____

LATITUDE _____

DATUM End

COMPLETED _____

DEPARTURE

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 119

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 1 SECTION FROM 0.0 TO 1270

STARTED June 1, 1955

LATITUDE 29.935.83 9124.44 DATUM 4000

COMPLETED June 14, 1955

DEPARTURE 30,213.16 9208.97 BEARING Vertical hole

ULTIMATE DEPTH 294.0

ELEVATION 3977.84 ^{± 2.59} 1298.1 DIP

PROPOSED DEPTH To cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0- ⁽¹⁴⁾ 52.0		Casing (waterburden)												
52.0- 58.0	0.3 1"	Two pieces of fine-grained, closely-knit pyrite, galena, sphalerite and silica						1144	52-60			1.81	1.55	
58.0- 106.0	20.2	Graphitic schist interbedded with gray silica shearing at 80° to core.												
106.0- 114.0	4.0	Massive, fine grained pyrite, porous in some sections. A little galena and sphalerite	1124	5.0			6.44	13.28						
114.0- 127.0	4.0	Fragments and short pieces of mineralized pyrite - coarse galena and sphalerite. Core recovery too low; sludge taken for assay.								No water return between 1108/120				
								1145	120-130			1.03	1.44	

DIAMOND DRILL RECORD,

HOLE NO. 119

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 2SECTION FROM 1270 TO 2000

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
1270- 177.0	18.2	Light greenish-gray, crystallized sericite schist.												
177.0- 180.0	3.0	Fine-grained, equigranular pyrite, silica, galena and sphalerite with a cement of sericite schist from 177.5 to 178.5.	1125	3.0			5.05	6.29						
180.0- 185.0	4.4	Fine-grained pyrite, silica, galena and sphalerite in uniform distribution.	1126	5.0			7.23	9.79						
185.0- 190.0	3.7	Same mineralization as in previous section.	1127	5.0			4.97	8.76						
190.0- 195.0	3.5	Same as in previous two sections.	1128	5.0			4.29	8.86						
195.0- 200.0	4.0	As in previous section to 196.0; massive pyrite in balance of sample.	1129	5.0			2.94	4.33						

HOLE NO. 119

STARTED _____

COMPLETED

ULTIMATE DEPTH

PROPOSED DEPTH 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 10

[illegible]

HOLE NO. 119

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 4

SECTION FROM 2350 TO 2450

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LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____ (U.S. STANDARD) _____ (INCHES) _____ (MM) _____ (INCHES) _____ (MM)

ULTIMATE DEPTH

ELEVATION

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
235.0	5.0	Massive fine grained pyrite with sparse magnetite.	1137	5.0			2.51	3.70						
240.0	5.0	Massive pyrite with remnants of sericite schist, silicified, and a little galena and sphalerite.	1138	5.0			1.81	1.03						
245.0	5.0	Same as in previous section.	1139	5.0			3.21	3.92						
250.0	5.0	Vestiges of bleached sericite schist contained in massive pyrite. A little galena and sphalerite.	1140	5.0			0.92	1.44						
255.0	5.0	Same as in previous section.	1141	5.0			0.18	0.82						
260.0	5.0	Same as in previous two sections with a little associated magnetite.	1142	5.0			0.42	0.31						

HOLE NO. 17

PROPERTY Vanderda Creek Y.T.

SHEET NUMBER 5

SECTION FROM 265.0 TO 294.0

STARTED

LATITUDE _____

DATUM End.

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH

[illegible]

HOLE NO. 120

PROPERTY Vanguarda Creek Y.T.

SECTION FROM 0.0 TO 19.0

STARTED June 9, 1955

DATUM 4000

COMPLETED June 12, 1955

BEARING Vertical hole.

ULTIMATE DEPTH 293.0

ELEVATION 4,019.02

DIP _____

PROPOSED DEPTH *To cross-section mineralization*

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0.0- 37.0	(11)	Casing (overburden)												
37.0- 69.5	8.9	Fragments of graphitic schist containing a little interbedded silica and sparse pyrite. In trace Co. and Mn. there is 0.4 ft of fine grained pyrite with a little associated magnetite.												
69.5- 74.0	3.5	Massive fine grained pyrite containing a little galena, sphalerite and magnetite in the resist banding at 50' to core.	1147	4.5				1.42	1.03					
74.0- 79.0	5.0	Crystallized graphitic schist and silica containing irregular veins of pyrite, pyrrhotite, galena and sphalerite.	1148	5.0				5.42	5.66					

HOLE NO. 120

SHEET NUMBER 4

SECTION FROM 79.0 TO 207.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

Some disseminated pyrite.

HOLE NO. 120

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER 3

SECTION FROM 2070 TO 2700

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH _____

[illegible]

HOLE NO. 120

PROPERTY Vangorda Creek y.T.

SHEET NUMBER 4

SECTION FROM 270.0 TO 292.0

STARTED

LATITUDE. _____

DATUM End.

COMPLETED _____

DEPARTURE

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH

[illegible]

HOLE NO. 121

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 1

SECTION FROM 0.0 TO 57.0

STARTED. June 12, 1935

LATITUDE 27.218.76

DATUM 4000

COMPLETED June 16, 1955

DEPARTURE 32,180.87

BEARING Vertical hole

ULTIMATE DEPTH 334.0

ELEVATION 4,107.21

DIP 10/11/2019 10:00:00 AM

PROPOSED DEPTH *To cross section mineralization*

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 121

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 2SECTION FROM 57.0 TO 77.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
57.0- 62.0	3.2 M	Massive pyrite containing some irregular patches of magnetite, a little galena and sphalerite and remnants of kaolinized sericite schist.	456	5.0			2.65	1.86						
62.0- 67.0	5.0 M	Massive, compact pyrite with some small patches of magnetite and a little galena and sphalerite	457	5.0			2.74	0.93						
67.0- 72.0	5.0 M	Same as previous section. Some vestiges of sericite schist, completely kaolinized.	458	5.0			1.54	2.06						
72.0- 77.0	5.0 M	Magnetite, galena and sphalerite in close association in irregular patterns in massive pyrite.	459	5.0			2.60	4.12						

HOLE NO. 121

PROPERTY Yangorda Creek Y.T.

SECTION FROM 77.0 TO 104.0

STARTED _____

DATUM _____

COMPLETED _____

BEARING _____

ULTIMATE DEPTH.....

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
77.0- 82.0	5.0 M	Fine grained pyrite with some interstitial silica.	1160	5.0			0.74	1.74						
82.0- 87.0	5.0 M	Massive pyrite containing a little interstitial silica and vestiges of kaolinized sericite schist.	1161	5.0			1.34	1.74						
87.0- 92.0	5.0 M	Same as in previous section with a little magnetite galena and sphalerite.	1162	5.0			0.94	2.04						
92.0- 97.0	5.0 M	Same as in previous section Remnants of amphibolite schist from 92.0 to 93.0.	1163	5.0			5.32	3.72						
97.0- 101.0	2.9 M	Fine grained, brittle pyrite with interstitial silica and remnants of bleached sericite schist.	1164	4.0			0.40	1.13						

HOLE NO. 121

STARTED _____

COMPLETED _____

ULTIMATE DEPTH.....

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
1010- 1030	L.O P.M	Fine grained, brittle pyrite with remnants of talc sericite schist.	1165	2.0			0.14	0.56						
1030- 212.7	95.1	Medium gray, fissile sericite schist. Shearing at 70" to core. Some small irregular patches of quartz-chlorite throughout. A little pyrite and pyrrhotite.												
212.7- 215.0	2.3 P.C	Graphitic schist and interbedded silica containing some irregular patches of fine grained pyrite.	1166	2.3			0.69	0.10						
215.0- 220.0	5.0	Massive pyrite containing remnants of sericite schist and a little galena and sphalerite.	1167	5.0			1.81	2.06						
220.0- 223.8	3.8	Graphitic schist mineralized as in previous section.	1168	3.8			1.63	2.98						

HOLE NO. 121

SHEET NUMBER 5

SECTION FROM 223.8 TO 334.0

STARTED _____

LATITUDE _____

DATUM End:

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 122

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 1SECTION FROM 0.0 TO 203.0STARTED June 12, 1955LATITUDE 25,443.24DATUM 4000 ENDCOMPLETED June 14, 1955DEPARTURE 38,668.13BEARING Vertical holeULTIMATE DEPTH 203.0ELEVATION 4,157.91

DIP _____

PROPOSED DEPTH To test magnetic anomaly.

Sheet 3

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0-8.0	(24)	Casing (overburden)												
8.0-152.2	129.1	Medium grained gabbro. Some irregular carbonate threads and a little magnetite are present. The ferruginous stain has been partially serpentinized accompanied by some development of talc. A little talc-slip fibre occurs between 91.0 and 23.0.												
152.2-203.0	38.3	Light greenish-gray, fissile sericite schist. Slightly talcose, shearing at 80° to core. The contact zone between 152.2 and 163.0 shows partial recrystallization to a hybrid fine grained rock.												
		End of hole at 203.0												

Recovery: 85.8%

Size of Core: 4X (1 3/16")

HOLE NO. 123

SHEET NUMBER 1

SECTION FROM 0.0 TO 195.0

STARTED June 14, 1955

LATITUDE. 29.513.98

DATUM 4000

COMPLETED June 18, 1955

DEPARTURE 31,044.81

BEARING Vertical hole

ULTIMATE DEPTH 275.0

ELEVATION 4,097.87

DIP _____

PROPOSED DEPTH *To test between fakes 66 and 60*

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0-96.0		Casing (Overburden)												
96.0-185.0	50.5	Graphitic schist with interbedded silica. Thinning at 80° to core but crystallized in part. Some interbedded sections of dark gray sericite schist. The schist is silicified and contains several patches of pyrrhotite with sparse chalcopyrite, between 1820 and 1850.												
185.0-190.0	4.6	Silicified graphitic schist containing some small irregular patches of pyrrhotite.	1170	5.0			0.60	0.72						
190.0-195.0	4.6	Same as previous section with a little galena and sphalerite.	1171	5.0			1.91	1.24						

HOLE NO. 123

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 2

SECTION FROM 195.0 TO 275.0

STARTED _____

LATITUDE _____

DATUM End.

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 124

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 2

SECTION FROM 115.5 TO 356.5

STARTED

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION _____

DIP

PROPOSED DEPTH [illegible]

HOLE NO. *124*

SHEET NUMBER 3

SECTION FROM 356.5 TO 414.0

STARTED _____

LATITUDE _____

DATUM End

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 125

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 1SECTION FROM 00 TO 060

STARTED June 17, 1955

LATITUDE. 27.19681

DATUM 4000

COMPLETED June 19, 1955

DEPARTURE 32.035.79

BEARING Vertical hole.

ULTIMATE DEPTH 370

ELEVATION 4,287.87

DIP _____

PROPOSED DEPTH *To cross-section mineralization*

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
00- 30.0		Casing (overburden)												
30.0- 35.0	14 P ₆	Crumpled graphitic schist and interbedded silica. Some pyrite with a little sphalerite and galena	1174	5.0			2.49	3.61						
35.0- 39.0	17 M	Opresine, fine grained pyrite containing kaolinitic remnants of sericite schist	1175	4.0			2.04	1.44						
39.0- 86.0	18 S	Light gray sericite schist containing green disseminated pyrite. Heavy at 80 to core												
86.0- 86.0	4.0 S:	Light gray sericite schist with some iron pyrite, pyrrhotite and green galena and sphalerite.	1174	5.0			0.11	0.10						

HOLE NO. 105

PROPERTY Vanquisha Creek Y.T.

SECTION FROM 860 TO 301.5

STARTED _____

DATUM _____

COMPLETED _____

BEARING _____

ULTIMATE DEPTH

DIP _____

PROPOSED DEPTH

[illegible]

HOLE NO. 125

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 3

SECTION FROM 3015 TO 3310

STARTED _____

LATITUDE _____

DATUM End.

COMPLETED _____

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION _____

DIP

PROPOSED DEPTH _____

[illegible]

Model

10

PROPERTY Vanguardia Creek Y.T.

SHEET NUMBER 1

SECTION FROM 0.0 TO 41.0

STARTED June 18, 1955

LATITUDE 29.816 51

DATUM 4000

COMPLETED *June 21, 1955*

DEPARTURE 30,193.00BEARING Vertical bore

ULTIMATE DEPTH 225.0

ELEVATION 4,048.61

DIP _____

PROPOSED DEPTH 10 cross-section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS				
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.	
0.0- 55.0		Casing (wt. burden)													
55.0- 96.0	22.0	Light gray to greenish gray sericite schist. Greenish cast Sc is due to chlorite which shows partial alteration to talc. Shearing at 80" to core. Sparse pyrite.													
96.0- 104.0	5.0	Silicified graphitic schist Pg containing considerable fine pyrite and a little associated galena and sphalerite.	1177	5.0			1.79	3.70							
104.0- 106.0	4.9	Same mineralization as in Pg previous section.	1178	5.0			1.03	1.65							
106.0- 111.0	5.0	Same as in previous sections with Pg some unincorporated talc etc.	1179	5.0			1.31	1.03							

sericite schist.

HOLE NO. 126

PROPERTY Vanguard Creek Y.T.

SHEET NUMBER 2

SECTION FROM 111.0 TO 131.0

STARTED

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE

BEARING

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
111.0- 116.0	5.0 M	Fine grained, brittle pyrite containing vestiges of interbanded graphitic schist and grey silica.	1180	5.0			1.67	1.34						
116.0- 121.0	5.0 P ₆ (M)	Same as in previous section with some associated pyrrhotite and a little galena, sphalerite and chalcopryite. Vestigial banding at 6" to core.	1181	5.0			5.19	6.80						
121.0- 126.0	5.0 P ₆	Interbanded graphitic schist and silica mineralized as in previous section.	1182	5.0			4.56	8.24						
126.0- 131.0	5.0 P ₆	Cemented graphitic schist and silica, containing irregular patches of pyrite, galena and sphalerite in close association.	1183	5.0			2.15	4.53						

HOLE NO. 126.

PROPERTY Vanguarda Creek y T.

SHEET NUMBER 2

SECTION FROM 1310 TO 1560

STARTED

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
131.0- 136.0	5.0	Crenulated graphitic schist and silica with patches of pyrite and a little associated galena and sphalerite.	1184	5.0			2.15	3.19						
136.0- 141.0	5.0	Same as in previous section.	1185	5.0			2.70	2.88						
141.0- 146.0	5.0	Crenulated graphitic schist and silica containing some irregular patches of fine grained pyrite with a little associated galena and sphalerite	1186	5.0			2.57	2.27						
146.0- 151.0	5.0	Same as in previous section.	1187	5.0			2.87	3.91						
151.0- 156.0	5.0	Considerable fine pyrite with sparse galena and sphalerite in crenulated graphitic schist and silica.	1188	5.0			1.69	2.99						

DIAMOND DRILL RECORD,

HOLE NO. 126

PROPERTY Vanderda Creek V.T.

SHEET NUMBER 4

SECTION FROM 156.0 TO 195.0

STARTED

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 126

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 5SECTION FROM 195.0 TO 120.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
195.0- 200.0	5.0 P6	Considerable fine pyrite in interbanded graphitic schist and silica. Sparse galena and sphalerite.	1193	5.0			1.40	1.13						
200.0- 205.0	5.0 P6	Same as in previous section.	1194	5.0			0.29	0.10						
205.0- 210.0	5.0	Massive pyrite containing vestiges of graphitic schist and interbanded silica.	1195	5.0			0.49	Nil						
210.0- 215.0	5.0 P6	Irregular patches of fine grained pyrite in interbanded graphitic schist and silica. Shearing at 60° to core.	1196	5.0			0.29	0.31						
215.0- 220.0	5.0	Massive pyrite containing vestiges of graphitic schist and silica.	1197	5.0			0.14	0.56						

HOLE NO. 126

SHEET NUMBER 6

SECTION FROM 220.0 TO 320.0

STARTED

LATITUDE _____

DATUM 12.12.2019 *End.*

COMPLETED

DEPARTURE _____

BEARING

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH

Recovery in Mineralization: 97.5%

HOLE NO. 127

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER 1

SECTION FROM 0.0 TO 171.0

STARTED June 12, 1955

LATITUDE 26.343.64

DATUM 4000

COMPLETED June 23, 1955

DEPARTURE 36,754.41

BEARING Vertical hole

ULTIMATE DEPTH 479.0

ELEVATION 4,073.54

DIP _____

PROPOSED DEPTH *To test above area of iron oxide*

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 127

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 2SECTION FROM 1110 TO 385.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

quartz - chlorite. A few small
reddish-black garnets between
3720 and 3770.

HOLE NO. 127

PROPERTY Vangorda Creek Y.T.

SECTION FROM 385.0 TO 479.0

LATITUDE _____

DATUM End

COMPLETED _____

DEPARTURE _____

BEARING _____ Measure: degrees (0 to 360) or (°) (N)

ULTIMATE DEPTH

ELEVATION _____

DIP <https://doi.org/10.1093/dip/dpaa001> Published online 15 January 2020

PROPOSED DEPTH 0 TO 200 FATHOMS

[illegible]

HOLE NO. 127

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER _____ SECTION FROM _____ TO End. STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

[illegible]

HOLE NO. 128

PROPERTY

Vangorda Creek Y.T.

SHEET NUMBER 1

SECTION FROM 0.0 TO 274.5

STARTED June 19, 1955

LATITUDE. 28.044.07

DATUM 4000

COMPLETED June 22, 1955

DEPARTURE 24.551.62

BEARING Vertical hole.

ULTIMATE DEPTH 354.0

ELEVATION 4,122.14

DIP..

PROPOSED DEPTH *To cross-section mineralization*

[illegible]

HOLE NO. 128

SHEET NUMBER 2 SECTION FROM 214.5 TO 320.0 STARTED _____
LATITUDE _____ DATUM _____ COMPLETED _____
DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
274.5- 300.0	14.6	Crenulated graphitic schist interbedded with gray silica. A little white quartz and sparse pyrite.												
300.0- 305.0	4.0	Small patches and disseminations of fine pyrite in graphitic schist.	1200	5.0			0.37	0.62						
305.0- 310.0	3.5	Same as in previous section.	1201	5.0			0.34	0.62						
310.0- 315.0	1.7	Strong pyrite content in graphitic schist. No visible galena or sphalerite.	1202	5.0			0.02	0.10						
315.0- 320.0	4.5	Crenulated graphitic schist and silica containing considerable fine pyrite.	1203	5.0			Tr	0.21						

HOLE NO. 128

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 3

SECTION FROM 320.0 TO 354.0

STARTED _____

LATITUDE _____

DATUM Feb 1961

COMPLETED _____

DEPARTURE _____

BEARING

ULTIMATE DEPTH_____

ELEVATION _____

DIP 1

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 129

PROPERTY Vanguarda Creek Y.T.SHEET NUMBER 1SECTION FROM 0.0 TO 205.0STARTED June 24, 1955LATITUDE 29,429.00DATUM 4000COMPLETED June 25, 1955DEPARTURE 30,250.62BEARING Vertical holeULTIMATE DEPTH 436.0ELEVATION 4,061.52

DIP _____

PROPOSED DEPTH To cross section mineralization

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0 -		Casing (overburden)												
110.0	(33)													
110.0 - 190.0	21.9	Medium grey sericite schist interbanded with dark grey sections. Fissile shearing at 80° to core.												
190.0	5.0	Silicified sericite schist	1217	5.0			2.07	3.30						
195.0		containing considerable fine pyrite with a little associated galena and sphalerite.												
195.0 - 200.0	4.6	Same as in previous section, with a little magnetite.	1218	5.0			1.20	2.16						
200.0 - 205.0	4.7	Massive, fine grained pyrite containing small blebs of magnetite and remnants of kaolinized sericite schist.	1219	5.0			2.07	3.09						

DIAMOND DRILL RECORD,

HOLE NO. 129

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 2SECTION FROM 2050 TO 2700

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
2050- 210.0	4.6 M	Massive pyrite, with magnetite and remnants of kaolinized sericite schist as in previous section.	1220	5.0			3.60	3.30						
210.0- 218.0	2.0 M	Fragments of massive pyrite containing a little galena and sphalerite. Sludges sent for assay due to low recovery.							1221	210-215			0.29	0.52
218.0- 228.0	11.5	Light grey sericite schist.							1222	215-220			0.08	0.31
228.0- 265.0	5	One 0.2' section of pyrite, galena and sphalerite from 234.8 to 235.0. Sludge sent for assay due to lost core from 235.0 to 240.0							1223	230-240			0.24	1.75
265.0- 270.0	2.8 P	Small particles of pyrite, pyrrhotite and a little galena and sphalerite in sericite schist.	1224	5.0			0.02	1.43						

HOLE NO. 129

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 3

SECTION FROM 270.0 TO 428.0

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 129

PROPERTY Vanguarda Creek & Ti

SHEET NUMBER.

SECTION FROM 428.0 TO 438.0

STARTED _____

LATITUDE _____

DATUM End

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 130

SHEET NUMBER 1SECTION FROM 0.0 TO 111.0

STARTED June 22, 1955

LATITUDE 27.52537

DATUM 4000

COMPLETED June 25, 1955

DEPARTURE 32,650.97

BEARING Vertical hole

ULTIMATE DEPTH 310.0

ELEVATION 4,117.42

DIP

PROPOSED DEPTH *To ± st southeast extension*

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0.0- 32.0	(9.9)	Casing (overburden)												
32.0- 101.0	28.7 5 56	Medium gray to greenish-gray sericite. A little interbanded graphitic schist. Core badly broken on the shear planes at 80° to core. Several small patches of white quartz.												
101.0- 106.0	5.0 7.5	Small patches and veins of pyrrhotite in bleached sericite schist. Sparse galena, sphalerite and pyrite.	1207	5.0			1.03	2.58						
106.0- 116.0	3.9 9.5	Pyrrhotite in sericite schist as in previous section. A little pyrite.	1208	5.0			2.63	1.14						

DIAMOND DRILL RECORD,

HOLE NO. 130

PROPERTY Vangerda Creek Y.T.SHEET NUMBER 2SECTION FROM 116.0 TO 136.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
116.0- 116.0	4.7 P ₆	Irregular patches of fine - grained pyrrhotite and pyrite in graphitic schist interbanded with silica.	1209	5.0			0.83	1.65						
116.0- 121.0	3.7 P	Silicified sericite schist, well mineralized with fine pyrite.	1210	5.0			Nil	0.52						
121.0- 126.0	4.9 P	Same as in previous section, with sparse galena and sphalerite	1211	5.0			1.77	3.61						
126.0- 131.0	3.9 P ₆	Graphitic schist and interbanded silica, with considerable pyrite roughly paralleling the shearing at 60° to core.	1212	5.0			1.73	2.78						
131.0- 136.0	3.8 P ₆	Silicified graphitic schist containing considerable fine pyrite and a little galena and sphalerite.	1213	5.0			1.00	1.85						

HOLE NO. 130

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 3

SECTION FROM 136.0 TO 110.0

STARTED _____

LATITUDE. _____

DATUM _____ *END*

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP

PROPOSED DEPTH _____

[illegible]

HOLE NO. 130

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER. 4

SECTION FROM _____ TO End

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 131

SHEET NUMBER 1

SECTION FROM 0.0 TO 13.0

STARTED June 23, 1955

LATITUDE 26.111.85

DATUM 4000

COMPLETED June 28, 1955

DEPARTURE 36,857.27

BEARING Vertical hole

ULTIMATE DEPTH 425.0

ELEVATION 4,086.43

DIP Page 1 of 1

PROPOSED DEPTH *To test above area of iron*

[illegible]

HOLE NO. 131

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER 2

SECTION FROM 73.0 TO 418.0

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH

[illegible]

HOLE NO. 131

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 3

SECTION FROM 415.0 TO 418.0

STARTED _____

LATITUDE. _____

DATUM End

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 152

PROPERTY Vangorda Creek Y.T.

SECTION FROM 0.0 TO 85.0

STARTED June 25, 1955

DATUM 4000

COMPLETED June 27, 1955

BEARING Vertical hole

ULTIMATE DEPTH 320.0

DIP _____

PROPOSED DEPTH *To test strike of main zone.*

[illegible]

HOLE NO. 132

PROPERTY Vanguarda Creek V.T.

SHEET NUMBER. 2

SECTION FROM 85.0 TO 146.0

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
85.0-90.0	2.0	Patches of massive, fine-grained pyrrhotite contained in bleached sericite schist.	1228	5.0			0.67	1.55						
90.0-95.0	5.0	Same as in previous section.	1229	5.0			0.13	1.76						
95.0-95.0	0.0	Sparse chalcopyrite.												
95.0-131.0	22.1	Light gray basic sericite schist. Shearing at 80° to core.												
131.0-136.0	1.7	Considerable fine pyrrhotite in bleached sericite schist	1230	5.0			0.04	0.72						
136.0-141.0	4.7	Same as in previous section.	1231	5.0			0.72	1.44						
141.0-146.0	3.6	Graphitic schist and interbanded silica, strongly mineralized with fine pyrite.	1232	3.6			0.27	1.75						

HOLE NO. ۱۲۳

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER 3

SECTION FROM 146.0 TO 320.0

STARTED

LATITUDE.....

DATUM End

COMPLETED _____

DEPARTURE _____

BEARING

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 133

SHEET NUMBER 1SECTION FROM 0.0 TO 232.0

STARTED June 26, 1955

LATITUDE 30, 215.70 9209.74

DATUM 4000

COMPLETED June 28, 1955

DEPARTURE 30,538.02 9307.98

BEARING Vertical hole

ULTIMATE DEPTH 3350

ELEVATION 4,069.92 + 259 1319.45

DIP _____

PROPOSED DEPTH *To cross-section mineralization*

[illegible]

HOLE NO. 133

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 2

SECTION FROM 232.0 TO 257.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
232.0- 237.0	5.0	Graphitic schist and interbedded silica, mineralized as in previous sections with pyrite, galena and sphalerite.	1236	5.0			2.39	5.27	1					
237.0- 242.0	5.0	Mineralized graphitic schist and silica as in previous section.	1237	5.0			3.82	4.54						
242.0- 247.0	3.4	Crenulated graphitic schist and silica, with pyrite, sphalerite and galena.	1238	5.0			4.03	9.69						
247.0- 252.0	3.4	A little pyrite, galena and sphalerite in crenulated graphitic schist and silica.	1239	5.0			3.60	5.47						
252.0- 257.0	3.5	Same as in previous section	1240	5.0			1.36	1.76						

HOLE NO. 133

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER. 3

SECTION FROM 257.0 TO 280.7

STARTED

LATITUDE.....

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
257.0- 262.0	3.2	Graphitic schist and silica, with sparse pyrite, galena and sphalerite. Shearing at 80' to core.	1241	5.0			1.74	2.16						
262.0- 267.0	2.6	Same as in previous section.	1242	5.0			1.96	1.12						
267.0- 272.0	3.7	Crenulated graphitic schist and silica, with some disseminated pyrite.	1243	5.0			1.52	0.62						
272.0- 280.7	4.7	Pyrite, galena and sphalerite in crenulated graphitic schist and silica.	1244	5.0			1.09	2.78						
280.7- 280.7	3.7	Same as in previous section.	1245	3.7			2.61	4.25						

HOLE NO. 133

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 4

SECTION FROM 280.7 TO 335.0

STARTED _____

LATITUDE _____

DATUM _____ Erid.

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. *134*

PROPERTY

Vangorda Creek Y.T.

? 1955

SHEET NUMBER

SECTION FROM 0.0 TO 370.0

STARTED June 27, 1954

LATITUDE. 26, 132.81

DATUM 4.1.00

COMPLETED July 1, 1955

DEPARTURE 34,093.52

BEARING Vertical hole

ULTIMATE DEPTH 370.0

ELEVATION 4,067.43

DIP.

PROPOSED DEPTH To expand area tested

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 134

PROPERTY Vangorda Creek y.T.

SHEET NUMBER 2

SECTION FROM _____ TO End

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 135

PROPERTY

Vanderda Creek Y.T.

SHEET NUMBER.

SECTION FROM 0.0 TO 306.0
END

STARTED June 27, 1955

LATITUDE

DATUM

COMPLETED June 30, 1955

DEPARTURE

BEARING

ULTIMATE DEPTH 306.0

ELEVATION

DIP.

PROPOSED DEPTH To test along SE strike of

[illegible]

HOLE NO. 135

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 2 SECTION FROM _____ TO END. STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

[illegible]

HOLE NO. 136

Vangorda Creek Y.T.

o.o

TC

June 28, 1955

30,448.34

4000

D. June 30, 1955

29,905 53

Vertical hole

2990

4,082.39

DIP _____

To test edges of mineralization

Reduction made due to savings

HOLE NO. 157

PROPERTY Vandergraw Creek Y.T.

SHEET NUMBER. 1

SECTION FROM 60 TO 500

STARTED June 30, 1955

LATITUDE. 27 19.41

DATUM 4000 2.70

COMPLETED July 4, 1955

DEPARTURE 33 189.59

BEARING Vertical hole

ULTIMATE DEPTH 310.0

ELEVATION 4,137.46

DIP _____

PROPOSED DEPTH *To test gravity anomaly*

[illegible]

EX (%) to 310' Eurl.
Reduction made due to caving conditions

HOLE NO. 137

PROPERTY

SHEET NUMBER

SECTION FROM 22 TO

STARTED June 30, 1955

LATITUDE.

DATUM.

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP_

PROPOSED DEPTH.

[illegible]

Reduction $\frac{EX(11\%) \text{ to } 106.0}{\text{due to caving.}}$

HOLE NO. 159

PROPERTY

Vangorda Creek Y.T.

SHEET NUMBER. 1

SECTION FROM 0.0 TO 51.0

STARTED July 1, 1955

LATITUDE 26.308.50

DATUM 4000

COMPLETED July 5, 1955

DEPARTURE 32.645.25

BEARING Vertical bolt

ULTIMATE DEPTH 3790

ELEVATION 4,098.65

DIP _____

PROPOSED DEPTH 76 to 97 mbs. generally

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0.0- 19.0	(5*)	Carving (overburden)												
19.0- 31.0	2.2	Tragacats of fine grained pyrite containing vestiges of sericite schist. No visible galena or chlorite.						1257	20-30			0.51	0.70	
31.0- 41.0	4.1	Considerable fine pyrite in light grey sericite schist	1252	5.0			0.14	17.0						
41.0- 46.0	3.2	Same as in previous section	1253	5.0			0.40	1.55						
46.0- 57.0	4.0	Light grey sericite schist containing negligible thin and small patches of fine grained pyrite.	1124	5.0			0.20	1.03						
57.0- 67.0	3.7	Same as in previous section	1255	5.0			0.14	1.03						

HOLE NO. 139

PROPERTY

Value per 12 Cans 4 T.

SHEET NUMBER

2

SECTION FROM 54 TO 56.0

STARTED

LATITUDE.

DATUM

End

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP

PROPOSED DEPTH

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. *140*

PROPERTY Vanguard Creek Y.T.

SHEET NUMBER 1

SECTION FROM 0.0 TO 114.0

STARTED July 4, 1955

LATITUDE. 30.16151 9176.76 N

DATUM 4000

COMPLETED July 6, 1955

DEPARTURE 30,759.04 9369.29E

BEARING Vertical hole

ULTIMATE DEPTH 34.50

ELEVATION 4,052.30 1314.1 m

DIP _____

PROPOSED DEPTH To test NE. of anomaly

[illegible]

HOLE NO. 140

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER. 2

SECTION FROM 177.0 TO 286.0

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____ feet _____ inches _____ mm _____

DIP

PROPOSED DEPTH _____

[illegible]

A little pyrochroite throughout.
Some gray carbonate with the silica.

HOLE NO. 140

PROPERTY Vangorda Creek 1 T.

SECTION FROM 286.0 TO _____

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 141

PROPERTY Vanguarda Creek x.T.

SHEET NUMBER. 2

SECTION FROM 73.0 TO 158.5

STARTED _____

LATITUDE.....

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH

ELEVATION _____

DIP _____

PROPOSED DEPTH

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 141

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 3SECTION FROM 158.5 TO 182.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
158.5- 163.0	3.9 P ₆	Crenulated graphitic schist and silica. Some disseminated pyrite with a little reddish- brown sphalerite and galena.	1266	5.5			1.70	3.61						
163.0- 168.0	4.1 P ₁₁	Same as in previous section.	1267	5.0			1.58	2.16						
168.0- 173.0	4.8 P ₆	Crenulated graphitic schist with considerable interbedded silica. Some pyrite, galena and sphalerite.	1268	5.0			2.48	7.33						
173.0- 178.0	2.7 P ₆	Fine, disseminated pyrite in a silicified sericite schist matrix.	1269	5.0			0.54	2.66						
178.0- 182.0	4.0 P ₇	Light gray sericite schist containing seams of fine pyrite and pyrrhotite. Shearing at 90° to core.	1270	4.0			0.07	0.76						

Not
evident
fine
H. ch.
to C.
at 2.5
H. 3

HOLE NO. 141

PROPERTY Vangorda Creek X.T.

SHEET NUMBER 1 SECTION FROM 0.0 TO 73.0

STARTED July 5, 1955

LATITUDE 27.247.74 DATUM 4000

COMPLETED July 8, 1955

DEPARTURE 32,627.29 BEARING Vertical hole

ULTIMATE DEPTH 350.0

ELEVATION 4,134.81 DIP _____

PROPOSED DEPTH To test gravity anomaly

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PS.	ZN.			AG.	CU.	PS.	ZN.
0.0-	(6.16)	Casing (overburden)												
14.0														
14.0-53.0	5.9	Fragments of weathered sericite schist. Some iron oxide stain, possibly from carbonate; no evidence of sulphide.												
53.0-58.0	1.5	Graphitic schist inter banded with silica. A little barren pyrite. Shearing at 80° to core.												
58.0-63.0	4.7	Massive pyrite containing several irregular sections of galena and sphalerite.	1260	5.0			3.27	8.5						
63.0-68.0	5.0	Massive pyrite containing some magnetite and remnants of silicified sericite schist.	1261	5.0			0.46	0.54						
68.0-73.0	5.0	Same as previous section with a little galena and sphalerite; some associated pyrrhotite.	1262	5.0			1.62	12.68						

OK from core find close with Fe 5500c Fe 57.7

HOLE NO. 141

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER. 4

SECTION FROM 182.0 TO 350.0

STARTED _____

LATITUDE _____

DATUM *Epd*

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 142

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 1SECTION FROM 0.0 TO 367.0

STARTED July 6, 1955

LATITUDE. 26,719.48

DATUM 4000 End.

COMPLETED July 8, 1955

DEPARTURE 33,857.92

BEARING Vertical hole

ULTIMATE DEPTH 367.0

ELEVATION 4,104.83

DIP _____

PROPOSED DEPTH *To test gravity anomaly*

[illegible]

HOLE NO. 143

Vangorda Creek Y.T.

SECTION FROM 0.0 TO 214.5

STARTED July 7, 1955

DATUM 4000

COMPLETED July 9, 1955

BEARING Vertical bore

ULTIMATE DEPTH 378.0

DIP

PROPOSED DEPTH To test N.E. edge of main

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 143

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 2SECTION FROM 2145 TO 3040

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
2145-2835	45.8	Light grey to greenish-grey sericite schist. Shearing at 80° to core. A few threads of pyrrhotite and a little white quartz.		S										
2835-2940	86.4 m			10										
2835-2940	3.3	Graphitic schist and interbanded silica, containing considerable fine pyrite and pyrrhotite with a little associated galena and sphalerite. Recovery too low for core assay.		19					1275	280-290			0.26	0.82
2940-2990	89.6 m			11/2 sp					1276	290-300			1.28	2.37
2940-2990	4.7	Graphitic schist well mineral- ized with pyrite, reddish-brown sphalerite and galena.		4.7	19		2.26	5.15						
2990-3040	3.6	Same as in previous section. Relict banding at 60° to 80° to core.		5.0	19		3.27	6.39						

HOLE NO. 144

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 1

SECTION FROM 0.0 TO 73.5

STARTED July 8, 1955

LATITUDE 27.375.16

DATUM 4000

COMPLETED July 10, 1955

DEPARTURE 32,777.29

BEARING Vertical hole

ULTIMATE DEPTH 291.0

ELEVATION 4,136.31

DIP_____

PROPOSED DEPTH To test gravity - magnetic

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 144PROPERTY Vangorda Creek Y.T.SHEET NUMBER 4SECTION FROM 123.0 TO 147.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
123.0- 128.0	5.0	As in previous section to 125.0. Balance of sample is banded graphitic schist and silica with considerable fine pyrite.	1291	5.0			1.13	2.47						
128.0- 133.0	4.0	Fragments and short pieces of graphitic schist and silica with considerable fine pyrite.	1292	5.0			2.40	3.91						
133.0- 138.0	3.7	Same as in previous section.	1293	5.0			2.82	5.15						
138.0- 143.0	3.7	Pyrite throughout with the host rock graphitic schist to 141.0 and banded chert to 143.0.	1294	5.0			2.17	3.50						
143.0- 147.0	4.0	Same as previous section a little galena and sphalerite	1295	4.0			2.60	5.05						

HOLE NO. 144

PROPERTY

Vangorda Creek Y.T.

SHEET NUMBER

5

SECTION FROM

147.0 TO 291.0

STARTED

LATITUDE

DATUM

COMPLETED

DEPARTURE

BEARING

ULTIMATE DEPTH

ELEVATION

DIP.

PROPOSED DEPTH

[illegible]

HOLE NO. 145

PROPOSED DEPTH *To test gravity anomaly.*

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 146

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 1SECTION FROM 0.0 TO 370.0STARTED July 9, 1955LATITUDE 33,263.52DATUM 4000 EndCOMPLETED July 11, 1955DEPARTURE 30,146.11BEARING Vertical holeULTIMATE DEPTH 370.0 magneticELEVATION 4,488.84

DIP _____

PROPOSED DEPTH To test geometrical No. 42.

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0-		Casing (overburden)												
10.0	(?)													
10.0-	162.5	Dark grey sericite schist.												
370.0		Fissile shearing at 80° to core. A few small patches of white quartz. Sparse pyrrhotite. Between 292.0 and 294.0 there are scattered grains of magnetite in the schist; this section has a silicified appearance. The schist, with the exception of the above section, does not show magnetic qualities. It is possible that some detrital magnetite may be concentrated in the debris at bedrock.												
		End of hole at 370.0												

Size of Core: AX (1 3/4")

Average Recovery: 45.4%

HOLE NO. 147

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER. 1

SECTION FROM 0.0 TO 70.0

STARTED July 10, 1955

LATITUDE 27398.05

DATUM 7000

COMPLETED July 12, 1955

DEPARTURE 32,499.87

BEARING Vertical hole

ULTIMATE DEPTH 313.0

ELEVATION 4,130.96

DIP _____

PROPOSED DEPTH To test magnetic-gravity anomaly

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 147

PROPERTY Vanguard Creek Y.T.SHEET NUMBER 2SECTION FROM 70.0 TO 90.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
70.0- 75.0	4.1	As in previous section to 72.0. Balance of sample is M closely-knit, fine grained pyrite, silica, galena and sphalerite.	1299	5.0			0.03	3.50						
75.0- 80.0	2.7	Pyrite with a little galena and sphalerite, and unreplaced remnants of talcose sericite schist.	1300	5.0			1.92	2.61						
80.0- 85.0	4.0	Pyrite with blebs of magnetite containing some galena and sphalerite in silica. From 81.0 to 82.0.	1301	5.0			0.03	2.14						
85.0- 90.0	4.6	Pyrite and magnetite with a little galena and sphalerite.	1302	5.0			2.15	1.65						

HOLE NO. 147

SHEET NUMBER. 3

SECTION FROM 90.0 TO 120.0

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 147

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER 5

SECTION FROM _____ TO End

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 148

PROPERTY Vancouver Creek Y.T.

SHEET NUMBER 1

SECTION FROM 0.0 TO 270.0

STARTED July 11, 1955

LATITUDE. 26.461.47

DATUM 4000 End

COMPLETED July 14, 1955

DEPARTURE 33,555.21

BEARING Vertical hole

ULTIMATE DEPTH 270.0

ELEVATION 4,085.94

DIP _____

PROPOSED DEPTH *To test an extension of gravity*

[illegible]

HOLE NO. 179

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 1

SECTION FROM 0.0 TO 103.0

STARTED July 13, 1955

LATITUDE. $32,845.55'' = 10,011.32'$

DATUM 7000

COMPLETED July 15, 1955

DEPARTURE 28, 035.62' = 8, 545.26'

BEARING Vertical hole

ULTIMATE DEPTH 267.0

ELEVATION 4,386.89 $Adj = 4.29.89$
 $= 12.58.19$

DIP

PROPOSED DEPTH To test gravity axis on
SW side anomaly 70, sheet 6.

[illegible]

HOLE NO. 149_____

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER 2

SECTION FROM 103.0 TO 259.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 149

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER. 3

SECTION FROM 2590 TO 2670

STARTED _____

LATITUDE _____

DATUM 23.04.2018

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 150

Vanguarda Creek Y.T.

SECTION FROM 0.0 TO 300.0

STARTED July 13, 1955

DATUM 4000 End

COMPLETED July 16, 1955

BEARING Vertical hole

ULTIMATE DEPTH 300.0

DIP _____

PROPOSED DEPTH *To test flank of gravity.*

[illegible]

HOLE NO. 150

PROPERTY Vanguarda Creek, T.

SHEET NUMBER. 2

SECTION FROM _____ TO End

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP_____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 151

PROPERTY Vanguarda Creek Y.T.

SHEET NUMBER 1

SECTION FROM 0.0 TO

STARTED July 15, 1955

LATITUDE. 32,989.64 = 10,055.24"

DATUM 4000

COMPLETED July 17, 1955

DEPARTURE 28,172.90 = 9,587.1 "

BEARING Vertical hole

ULTIMATE DEPTH 318.0

ELEVATION 4,400.01 - 58' = 4,458.01

DIP _____

PROPOSED DEPTH To test magnetic-gravity condition

[illegible]

DIAMOND DRILL RECORD,

HOLE NO. 152

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 41SECTION FROM 0.0 TO 1940STARTED July 17, 1955LATITUDE 28, 675.71DATUM 4000COMPLETED July 19, 1955DEPARTURE 32, 522.35BEARING Vertical holeULTIMATE DEPTH 286.0ELEVATION 4, 116.09

DIP

PROPOSED DEPTH To cross-section mineralization.

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
0.0-	(7.0)	Casing (overburden)												
23.0														
23.0-174.0	73.0	Light gray sericite schist. Shearing at 70° to core. A few threads and small patches of pyrite. Some talc present in the schist.												
174.0-1890	9.0	Graphitic schist with short sections of interbanded sericite schist. Shearing at 80° to core. Considerable fine pyrrhotite, not worthy of assay.												
1890-1940	5.0	Light gray sericite schist well mineralized with pyrrhotite and sparse pyrite.	1312	5.0			2.24	0.83						

DIAMOND DRILL RECORD,

HOLE NO. 152

PROPERTY Vangorda Creek Y.T.SHEET NUMBER 2SECTION FROM 1940 TO 215.5

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
1940- 1990	5.0 P	Light gray sericite schist mineralized with pyrrhotite and pyrite as in previous section.	1313	5.0			0.45	1.44						
1990- 2040	5.0 PG	Graphitic schist interbanded with gray silica and well mineralized with pyrite. Sparse sphalerite.	1314	5.0			0.67	1.55						
2040- 2090	5.0 P	Same as in previous section.	1315	5.0			0.40	0.83						
2090- 2140	5.0 P	Graphitic schist and interbanded silica mineralized with a little disseminated pyrite, reddish-brown sphalerite and galena.	1316	5.0			1.85	2.47						
2140- 215.5	1.5 P	As in previous section. Shearing at 30° to core.	1317	1.5			0.19	0.72						

DIAMOND DRILL RECORD,

HOLE NO. 152

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER. 3

SECTION FROM 215.5 TO 286.0

STARTED _____

LATITUDE.....

DATUM End

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP_____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 153.

SHEET NUMBER 1

SECTION FROM 0.0 TO 167.0

STARTED July 18, 1955

LATITUDE. 32.652.67 = 9952.0'

DATUM 4000

COMPLETED July 20, 1955

DEPARTURE 28,390.96 - 96.53.56"

BEARING Vertical hole

ULTIMATE DEPTH 321.0

ELEVATION 4,386.87

DIP _____

PROPOSED DEPTH. To test gravity - magnetic

[illegible]

HOLE NO. 153

SHEET NUMBER 2

SECTION FROM 167.0 TO 321.0

STARTED _____

LATITUDE _____

DATUM End

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 154

PROPERTY Vanderda Creek Y.T.

SHEET NUMBER.

SECTION FROM 0.0 TO

STARTED July 20, 1955

LATITUDE 27.548.72

DATUM 4000

COMPLETED July 23, 1955

DEPARTURE 32,370.10

BEARING Vertical bolt

ULTIMATE DEPTH 276.0

ELEVATION 4,117.40

DIP _____

PROPOSED DEPTH *To test between holes 92*

[illegible]

HOLE NO. 155

PROPERTY

Vagabond Creek 12

SHEET NUMBER 1

SECTION FROM 0.0 TO 75.0

STARTED 6/4/20, 1955

LATITUDE. 31.791.74 = 9690.12"

DATUM 4000

COMPLETED July 24, 1955

DEPARTURE 28,132.99 = 8574.94

BEARING Vertical hole.

ULTIMATE DEPTH 3310

ELEVATION 4,281.46 Adj 4023.46
1226.25

DIP _____

PROPOSED DEPTH To test gravity anomalies

[illegible]

HOLE NO. 155

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER. 2

SECTION FROM 75.0 TO 331.0

STARTED _____

LATITUDE. _____

DATUM End.

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

Size of Core: AX (1 3/4") to 851.0
EX (1 1/8") to 331.0

HOLE NO. 156

Laurel Luck T.T.

2

142.0 TO 267.0

STARTED

DATUM.

End

COMPLETED

BEARING

ULTIMATE DEPT

DIP_

PROPOSED DEPTH

[illegible]

HOLE NO. 157

PROPOSED DEPTH 10 1/2

[illegible]

HOLE NO. 157

PROPERTY Vanguard Creek & T.

SHEET NUMBER. 2

SECTION FROM 100.5 TO 3570

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

from 34.5 to 48.5; carbonate
in the interstices.

HOLE NO. 157

HOLE NO. 157

PROPERTY Yanquetza Creek Y.T.

SHEET NUMBER. 2

SECTION FROM 259.0 TO 300.0

STARTED _____

LATITUDE. _____

DATUM 1944

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

DIAMOND DRILL RECORD,

126

HOLE NO. 158

PROPERTY Vanguarda Creek Y.T.SHEET NUMBER 1SECTION FROM 6.0 TO 16.0STARTED August 5, 1955LATITUDE 29.500 NDATUM 4000COMPLETED Aug 24, 1955DEPARTURE 2.000BEARING Vertical at collar;ULTIMATE DEPTH 1096.0ELEVATION 7.115 (1171.50)DIP 65° at 1096.0 (bottom)PROPOSED DEPTH To bottom run at 4 p.m.

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PS.	ZN.	NO.	FOOTAGE	AG.	CU.	PS.	ZN.
0.0 -		Casing (inch 4.0)												
106.0														
106.0 - 3.6	M	Thin, uniform, green, pyritic, silty clay and shale with K-feldspar	4.0											
110.0		Harder, more silty clay and shale												
110.0 - 1.0		Very silty clay and shale												
115.0		Very silty clay and shale												
115.0 - 4.0		Clay and shale with silty part	5.0											
120.0		Clay and shale with silty part												
120.0 - 2.0		Clay and shale with silty part												
125.0		Clay and shale with silty part												
125.0 - 2.0		Clay and shale with silty part												
130.0		Clay and shale with silty part												

assay done to determine if
the shale is of the same type as the
one at the top of the hole.

HOLE NO. 1056

PROPERTY Vanguard Creek, Y.T.

SHEET NUMBER 1

SECTION FROM 1250 TO 1650

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 158

PROPERTY Vanderbilt Univ. & T.

SHEET NUMBER. 3

SECTION FROM 1650 TO 1656

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPT. _____

ELEVATION _____

DIP_____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 158

PROPERTY Vangorda Creek, Vt.

SHEET NUMBER 4

SECTION FROM 1830 TO 2547

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPT. _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

sericite schist and some gneiss
and sphalerite.

DIAMOND DRILL RECORD,

HOLE NO. 158

PROPERTY Vanguarda Creek S.T.

SHEET NUMBER 5

SECTION FROM 2547 TO 3763

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED_____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 158

PROPERTY Wangerda Creek & T.

SHEET NUMBER. 6

SECTION FROM 372.3 TO 440

STARTED _____

LATITUDE. _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH_____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS				
					AG.	CU.	PS.	ZN.	NO.	FOOTAGE	AG.	CU.	PS.	ZN.	
372.3- 396.8	16.2	Graphitic schist with a lot of with some small pieces of silica H little white. Silicate dark grey. Some silicate schist. Staining at 10' to core. Some irregular patches of pyrochlore and pyrochlore with a lot of assay.													
396.8- 406.0	9.0	Light grey to brown silicate schist. Staining at 10' to core. H little white. Graphitic schist from 396.8 to 406.0.													
406.0- 411.0	5.0 M	Massive, greyish white conglomerate with a lot of unrecrystallized silicate schist. Some pyrochlore and chert with a little pyrochlore	1341	5.0				0.45	1.24						

chaperone with a little cigarette
in the spine.

HOLE NO. 158

SHEET NUMBER 1 SECTION FROM 44.0 TO 426.0 STARTED _____
LATITUDE _____ DATUM _____ COMPLETED _____
DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE NO.	FOOTAGE	SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.			AG.	CU.	PB.	ZN.
410- 416.0	5.0	Apartite - fine grained & light of sericitic white and a little pyrrhotitic magnetite and porce - black pyrite.	1341	5.0			0.29	0.72						
416.0- 421.0	5.0	Same as previous section to 410 ft. but cut sample is rounded pebbles white and silica containing small grains of pyrite showing at 50° to center.	1342	5.0			0.74	1.85						
421.0- 426.0	4.7	Same as previous cut & specimen section was part of massive pyrite containing threads of galena and plagioclase. The silica is finely silicified flint 421.0 to 426.0.	1343	5.0			3.38	2.68						

HOLE NO. 159

PROPERTY Kearney Co. Ark. N.Y.

SHEET NUMBER. 7

SECTION FROM 441 TO 446

STARTED _____

LATTITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH_____

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AS.	CU.	PB.	ZN.	NO.	FOOTAGE	AS.	CU.	PB.	ZN.
4460- 4510	5.0	Conglomerate schist and interbedded silica scattered pyrite grains. Shearing at 6" to 8"	1347	5.0			0.03	1.75						
4510- 4560	2.0	Conglomerate schist and silica minerals with threads and small nodules of pyrite	1348	5.0			0.16	0.68						
4560- 4610	5.0	Same as sample no. 1348. Shearing at 6" to 8"	1349	5.0			0.05	0.52						
4610- 4660	5.0	Conglomerate pyroclastic schist and silica containing considerable pyrite upper fifth little sphalerite and garnet in pyrite.	1350	5.0			0.19	0.62						
4660- 4710	5.0	Same as previous sections to 1175 surface of sample is dark conglomerate schist with some	1351	5.0			Tr.	0.72						

pyrrhotite and sparse chalcopyrite.

HOLE NO. 158

PROPERTY Wenger, Inc. - K. J.

SHEET NUMBER 12

SECTION FROM 44.2 TO 135.7

STARTED _____

LATTITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH_____

[illegible]

HOLE NO. 158

PROPERTY Voggsda Creek Y.T.

SHEET NUMBER 12

SECTION FROM 210.0 TO 243.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

64

PROPOSED DEPTH To test & sink of prop 2000.

[illegible]

HOLE NO. 127

PROPERTY Vanguard Coal Y.T.

SHEET NUMBER 2

SECTION FROM 3030 TO 4223

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 159

PROPERTY Vanguardia Creek N.T.

SHEET NUMBER. 3

SECTION FROM 424.3 TO 524.6

STARTED _____

LATTITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 159

PROPERTY Van Zandt Creek P.T.

SHEET NUMBER. 4

SECTION FROM 246 TO 172

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH_____

[illegible]

HOLE NO. 159

PROPERTY Vanoyetta Creek Y.T.

SHEET NUMBER 6

SECTION FROM 808.0 TO 851.0

STARTED _____

LATITUDE _____

DATUM 1997

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____[illegible]

DIAMOND DRILL RECORD.

HOLE NO. 160

PROPERTY

Vaguerda Creek & T.

SHEET NUMBER

1

SECTION FROM

0.0

TO

71.0

STARTED

Sept. 12, 1955

LATITUDE

29 57.5 N

DATUM

4000

COMPLETED

Sept. 15, 1955

DEPARTURE

29 24.54

BEARING

Vertical hole

ULTIMATE DEPTH

376.0

ELEVATION

5786.07

DIP

PROPOSED DEPTH

To test moderate gravity high

DEPTH FEET	CORE RECOV	DESCRIPTION	CORE SAMPLE NO.	FOOTAGE	CORE ASSAYS				SLUDGE SAMPLE		SLUDGE ASSAYS			
					AG.	CU.	PB.	ZN.	NO.	FOOTAGE	AG.	CU.	PB.	ZN.
0.0 - 8.0		Casing (16.0 in. dia.)												
8.0 - 34.5	17.6	Used one guy to back guy. Sung in hole, exposed the matrix which is very at 45° to core. Found the matrix and all patched with white granite - carbonate. The matrix is 10 ft or after the matrix is removed the matrix is a sample after the matrix is removed the matrix is a sample												
34.5 - 71.0	16.1	Chlorine in the matrix matrix is a sample showing a matrix, after which the matrix is a sample Some matrix is a sample												

Some matrix is a sample

DIAMOND DRILL RECORD,

HOLE NO. 160

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 2

SECTION FROM 71.0 TO 201.0

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING

ULTIMATE DEPTH_____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]

HOLE NO. 160

PROPERTY Vangorda Creek Y.T.

SHEET NUMBER 3

SECTION FROM 204.0 TO 376.0

STARTED _____

LATITUDE _____

DATUM End.

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

[illegible]