

SAMPLE LOG

Sample No.	Location	Length	Description - Remarks						Coll. By
TT-1			Argenta dump, sample taken up walls of slumped shaft area and from pits on each of the fingers of dump						
			Mainly soft, kaolinized light yellow-tan andesite						
TT-2			Chip sample, est. 6' of vein and sheared wall rock exposed in small cut at east side of Argenta dump, highly silicified, vuggy, Fe stained wall rock, vein material white quartz w/ limonite veinlets, zone strikes N70-80W, dips 90 on NW, 60 on EW						
TT-3			Dump sample, shallow pit east of Grand Prize dump, cinn. br. kaolinized andesite						
TT-4			Dump sample, small prospect pit in ravine down from Argenta dump, bleached and moderately Fe stained,						
TT-5			Dump sample, Kaolinized and Feox stained andesite						
TT-6			5' chip sample across contact-fault in trench T-1, Moderately kaolinized andesite, heavy Mn staining						
TT-7			Chip sample of andesite in north end of trench T-1						
TT-8			Fractured, kaolinized andesite in south end of trench T-1						
TT-9			Chip sample of Feox stained andesite in eastern portion of trench T-2						

SAMPLE LOG

[illegible]

Line 1

Hoje No. 1

Page 1 Of 1

((((((((

—

— — — — —

Date Started 10/15/00 Date Stopped 10/18/00

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
195	210	15	9.5	63%	Kaolinized andesite porphyry, spots and veinlets of cinn. br. limonite, flecks of white mica.	
210	220	10	10	100%	Andesite porphyry, dull brown, moderately kaolinized, biotite altered to clear dull white clots and veinlets of cinn. br. limonite, minor Mn staining.	
220	234	14	10.1	72.6%	Kaolinized andesite porphyry, becoming silicified and increase in Feox staining toward 228'	
					228-234; Fine grained siliceous rock, clots of white and cream colored silica, 1-2% dissem. pyrite, rock very hard with points limonite staining.	
					Last 6" of core silicified rock with $\frac{1}{8}$ " quartz vein, vein open in center with lining of clear quartz crystals, crystals coated with waxy green and brown clay.	
					(encountered old workings, scrap iron)	
					BOTTOM OF HOLE	

DRILL HOLE LOG

Hole No. 3

Project Tuscarora

Area Dexter

Page 1 of 2

Location:

Depth 200'

North

Inclination 90°

From

()

()

()

()

()

East

Bearing

Vertical To

()

()

()

()

()

Elev.

Logged by J.V.T.

Date Started

12/18

Date Stopped

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
90	101	11	9	75	Buff and white fine grained adularized rhyolite, irregular swirls of pale cinn. brown limonite flooding throughout rock, narrow irregular clear quartz veinlets at 91, 92-95, and 97-98, Veins vuggy, w/ some limonite stained xls., veins show cockscomb structure.	
101	111	10	9	90	Same, rock moderately fractured, dull orange limonite flooding spreading from fractures and veinlets.	
111	120	9	9	100	Silicified rhyolite breccia, rock dense, flooded w/ silica, rock fractures coated w/ later clear, vuggy, cockscomb veinlets, specks of black mineral 111-113, limonite flooding along veinlets, some limonite spots throughout rock.	
	130	10	8.75	87	Very fine grained banded rhyolite tuff, white bands at 60° to core, moderately Feox stained, mostly along flow banding, rock flooded with adularia, fractured w/ fractures cemented w/ clear thin, vuggy quartz veinlets (3-4 per ft.) heavy orange-brown limonite flooding around thin vertical vein at 125'	
130	140	10	9.5	95	Fine-grained, adularized, banded rhyolite tuff, minor Feox staining, hairline quartz veinlets parallel to banding, 1-2 per foot.	

DRILL HOLE LOG

Hole No. 4

Project Tuscarora

Area Dexter

Page 1 of 2

Location:

Depth 200

North

Inclination 90°

From

() () () () ()

East

Bearing Vertical To

Elev.

Logged by J.V.T.

Date Started

Date Stopped

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
0	34	34	9	26.4	Medium grained, greenish white andesite, two $\frac{1}{4}$ " quartz veins at 18', minor fracturing w/ Fe and Mn staining	
34	46	12	9	75	Same, rock brecciated	
46	58	12	9.5	79	Andesite breccia, fault zone 56-58, light tan clay gouge with rounded andesite fragments	
58	69	11	10	91	Gray green andesite porphyry, moderately kaolinized, and Feox stained, contact at 68' with fine grained gray tuff.	
69	78	9	9	100	Gray, fine grained rhyolite tuff w/ mottled Feox staining to 76', medium grained andesite porphyry to 78'.	
78	92	14	10	71.5	Andesite porphyry to 79', then mottled, banded silicified rhyolite tuff, maroon and black bands at 60° to core, bands composed of silica and Mn staining.	
92	100	8	8	100	Feox stained, mottled andesite porphyry, grading to kaolinized, Feox stained, medium grained andesite.	
100	110	10	9	90	Bleached, silicified medium grained rock, either andesite or rhyolite (?) rock brecciated, contains quartz eyes.	
110	119	9	8	89	Same to 114, grades to greenish andesite porphyry with limonite points.	

DRILL HOLE LOG

Hole No. GP-3

Project Tuscarora

Area Grand Prize

Page 1 of 1

Location:

Depth 289

North

Inclination 90°

From

East

Bearing Vertical

To

Elev.

Logged by J.V.T.

Date Started

Date Stopped

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
0	130	130			Rotary hole	
130	140	10			Kaolinized andesite porphyry, contact w/ sulfide zone at 123', rock changes to gray, silicified andesite porphyry w/ estimated 10% dissem. pyrite, fracture zone at 135 and 138 w/ cinn. brown limonite coatings.	
140	200	60			Same rock, contains 15-20% dissem. pyrite throughout, feldspar clots altered to white clay, 1" pyrite veins at 159.5-161, fracture zone w/ brown-stained clay at 164-165, fault at 172 w/ 6" blue gouge, narrow fault zone at 189, another at 190-192, both w/ blue clay gouge, rock green from hornblend content.	
200	218	18			Medium grained, gray andesite porphyry w/ 10-15% dissem pyrite, pyrite veinlets lacing rock, fault zones at 209-210, 213-214, 215-216, 216.5-217.5, Blue clay gouge along faults contains fine-grained dissem. pyrite.	
218	225	7			Same rock, uneven clots of pyrite as bright crystals w/ striated crystal faces.	
225	285	60			Same, rock moderately broken, shear faces coated w/ blue clay and pyrite, points of black mineral with pyrite at 230', fault zone w/ blue clay at 238-239, 254-256, 279-280.	
285	289	4			Silicified, medium grained hornblend andesite, gray-green, trace of dissem pyrite, rock not fractured	

BOTTOM OF HOLE

Diamond

Line 3

DRILL HOLE LOG

Project TuscaroraArea Dexter

Hole No. 2
 Page 1 of 2

Page 1 of 2

Location:

Depth 150

North

Inclination 90°

From

East

Bearing Vertical To

Ev. 17

Logged by J.V.T.

Date Started

Date Stopped

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
0	33	10	33	30	Clay and andesite, possibly old dump material to 22', then medium to coarse grained, green-brown, kaolinized andesite, Mn staining on fracture surfaces, 1/4" quartz vein w/ mod. Feox. staining at 30'.	
33	84	51	51	100	Coarse grained, brown-green andesite, weathered, minor Mn staining on fractures, feldapars moderately kaolinized, 1/2" sugary quartz vein w/ limonite spots at 39', no veining beyond 42'.	
84	93	9	9	100	Same rock, becoming heavily Feox stained and moderately silicified.	
93	102	9	9	100	Brecciated, bleached, kaolinized andesite, Feox staining in points and veinlets, rock becoming silicified and veined w/ silica toward bottom.	
102	113	11	11	100	Medium grained kaolinized andesite w/ silica veinlets and segregations, highly Feox stained.	
113	122	9	9	100	Fault zone at 113' w/ heavy dull black Mn staining, rock grades into greenish grey and green - white fine grained siliceous rock w/ Mn points, some Mn and dull brown Feox flooding along fracture surfaces 120-122.	
122	135	13	13	100	Fine-grained light green and cream silicified rhyolite and rhyolite tuff, moderately Feox stained, quartz vein at 132.5', 1" wide.	

DRILL HOLE LOG

Hole No. 1Project TuscaroraArea DexterPage 1 Of 2

Location:

Depth 390'

North

Inclination 90°

From

() () () () ()

East

Bearing Vertical

To

Elev.

Logged by J.V.T.

Date Started

Date Stopped

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
130	142	12	9.5	79	Brown medium grained andesite, not well fractured, slightly kaolinized.	
142	167	25	25	100	Same, minor Feox staining	
167	194	27	27	100	Same rock type, color changes to pale green, minor fracturing, rock silicified w/ minor dissem. pyrite, Feox stained clay in fault zone 193 - 194.	
194	200	6	6	100	Silicified zone to 198', hard, dense rock w/ heavy Feox staining along fractures, grades to bleached andesite, then green, medium grained andesite w/ minor dissem. pyrite.	
200	230	30	30	100	Same, clear quartz veining at 219-220, and 230.	
230	239	9	9	100	Green-gray, medium grained, silicified andesite, minor dissem. pyrite, random, narrow quartz veins, vuggy w/ acicular crystals, veins 1 - 2 per foot., specks of pyrite and a black sulfide at contact of veins with wall rock.	
239	247	8	8	100	Same, first 2' laced with quartz veins, 5-6 per foot, individual veins from 1/4" to 2" thick.	
247	257	10	10	100	Same, quartz veining continues 3-4 per foot, 2-5% dissem. pyrite in rock along veins, frac. coated w/ fine grained silica.	
257	266	9	9	100	Silicified, brecciated, med. grained andesite to 259, then green-gray, fine grained, silicified andesite or rhyolite w/ 2% dissem. pyrite, no quartz veining.	

Diamond

Line 4

DRILL HOLE LOG

Hole No. 3 (offset)

Project Tuscarora

Area

Dexter

Page 1 of 2

Location:

Depth 200

North

Inclination 90°

From

() () () () ()

East

Bearing Vertical

To

Elev.

Logged by J.V.F.

Date Started

Date Stopped 11/4/69

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
10	20	10	10	100	Medium fine grained, mottled green and tan tuff, moderate Feox staining.	
20	30	10	9	90	Same, grades into light green mottled and purple andesite at 25', moderate Feox stain	
30	39	9	9	100	Same, rock moderately silicified.	
39	48	9	9	100	Mottled green and brown andesite porphyry, moderate Feox staining.	
48	57	9	9	100	Same	
57	67	10	10	100	Same, sections from 63-65 and 66-67 cut by irregular milky quartz veins, vuggy w/ Feox staining on crystals, vein at 64' 6" wide, cuts core at 40°.	
67	75	8	8	100	Mottled gray green andesite porphyry, points of limonite staining.	
75	84	9	9	100	Same	
84	93	9	9	100	Same, Feox veining 86-83, rock grades into green white bleached andesite w/ limonite points.	
93	102	9	9	100	Mottled, Feox stained white and green gray andesite, last 2' highly Feox stained	
102	110	8	8	100	Brecciated, highly Feox Stained andesite porphyry to 104, grades to medium grained bleached andesite.	
110	119	9	9	100	Same, rock flecked with brown limonite.	

Diamond

Line 7

DRILL HOLE LOG

Project Tuscarora

Area Dexter

Hole No. 3
 Page 1 of 1

Location:

Depth 300

North

Inclination 90°

From

East

Bearing Vertical

Елев.

Logged by J

Date Started

Date Stopped

[illegible]

Diamond

Line B

DRILL HOLE LOG

Hole No. 2

Project Tuscarora

Area Dexter

Page 1 of 1

Location:

Depth 150

North

Inclination 90°

From

() () () () () () () () () ()

East

Bearing Vertical To

Ev. 17

Logged

Date Started

Date Stopped

[illegible]

SAMPLE LOG

Sample No.	Location	Length	Description - Remarks					Coll. By
TT-1			Argenta dump, sample taken up walls of slumped shaft area and from pits on each of the fingers of dump					
			Mainly soft, kaolinized light yellow-tan andesite					
TT-2			Chip sample, est. 6' of vein and sheared wall rock exposed in small cut at east side of Argenta dump,					
			highly silicified, vuggy, Fe stained wall rock,					
			vein material white quartz w/ limonite veinlets,					
			zone strikes N70-80W, dips 90 on FW, 60 on HW					
TT-3			Dump sample, shallow pit east of Grand Prize dump,					
			cinn. br. kaolinized andesite					
TT-4			Dump sample, small prospect pit in ravine down from Argenta dump, bleached and moderately Fe stained,					
TT-5			Dump sample, Kaolinized and Feox stained andesite					
TT-6			5' chip sample across contact-fault in trench T-1,					
			Moderately kaolinized andesite, heavy Mn staining					
TT-7			Chip sample of andesite in north end of trench T-1					
TT-8			Fractured, kaolinized andesite in south end of trench T-1					
TT-9			Chip sample of Feox stained andesite in eastern portion of trench T-2					

SAMPLE LOG

[illegible]

Line B

Hoje No. 1

Page 1 Of 1

— — — — —

From _____

To _____

Date Started _____ Date Stopped _____

[illegible]

Line 1

Hoje No. 1

Page 1 of 1

Elev.

Date Started 10/15/66 Date Stopped 10/18/66

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
195	210	15	9.5	63%	Kaolinized andesite porphyry, spots and veinlets of cinn. br. limonite, flecks of white mica.	
210	220	10	10	100%	Andesite porphyry, dull brown, moderately kaolinized, biotite altered to clear dull white clots and veinlets of cinn. br. limonite, minor Mn staining.	
220	234	14	10.1	72.6%	Kaolinized andesite porphyry, becoming silicified and increase in Feox staining toward 228'	
					228-234; Fine grained siliceous rock, clots of white and cream colored silica, 1-2% dissem. pyrite, rock very hard with points limonite staining.	
					Last 6" of core silicified rock with $\frac{1}{8}$ " quartz vein, vein open in center with lining of clear quartz crystals, crystals coated with waxy green and brown clay.	
					(encountered old workings, scrap iron)	
					BOTTOM OF HOLE	

Diamond

Line 1

DRILL HOLE LOG

Project Tuscarora

Area Dexter

Hole No. 3
Page 1 of 2

Location:

Depth 2000

() () () () ()

North

Inclination 90°

From

() () () () ()

East

Bearing Vertical

To

() () () () ()

Elev.

Logged by J.V.T.

Date Started

10/18

Date Stopped

10/29

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
90	101	11	9	75	Buff and white finegrained adularized rhyolite, irregular swirls of pale cinn. brown limonite flooding throughout rock, narrow irregular clear quartz veinlets at 91, 92-95, and 97-98, Veins vuggy, w/ some limonite stained xls., veins show cockscomb structure.	
101	111	10	9	90	Same, rock moderately fractured, dull orange limonite flooding spreading from fractures and veinlets.	
111	120	9	9	100	Silicified rhyolite breccia, rock dense, flooded w/ silica, rock fractures coated w/ later clear, vuggy, cockscomb veinlets, specks of black mineral 111-113, limonite flooding along veinlets, some limonite spots throughout rock.	
120	130	10	8.78	87	Very fine grained banded rhyolite tuff, white bands at 60° to core, moderately Feox stained, mostly along flow banding, rock flooded with adularia, fractured w/ fractures cemented w/ clear thin, vuggy quartz veinlets (3-4 per ft.) heavy orange-brown limonite flooding around thin vertical vein at 125'	
130	140	10	9.5	95	Fine-grained, adularized, banded rhyolite tuff, minor Feox staining, hairline quartz veinlets parallel to banding, 1-2 per foot.	

Line 1

Hole No. 3Area DexterPage 2 of 2

Depth 200

()

Inclination

From

— — — — —

Bearing

To

— — — — —

Logged by

Date Started

Date Stopped

[illegible]

DRILL HOLE LOG

Hole No. 4

Project TuscaroraArea DexterPage 1 Of 2

Location:

Depth 200

North

Inclination 90°

From

() () () () ()

East

Bearing Vertical

To

Elev.

Logged by J.V.T.

Date Started

Date Stopped

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
0	34	34	9	26.4	Medium grained, greenish white andesite, two $\frac{1}{4}$ " quartz veins at 18', minor fracturing w/ Fe and Mn staining	
34	46	12	9	75	Same, rock brecciated	
46	58	12	9.5	79	Andesite breccia, fault zone 56-58, light tan clay gouge with rounded andesite fragments	
58	69	11	10	91	Gray green andesite porphyry, moderately kaolinized, and Feox stained, contact at 68' with fine grained gray tuff.	
69	78	9	9	100	Gray, fine grained rhyolite tuff w/ mottled Feox staining to 76', medium grained andesite porphyry to 78'.	
78	92	14	10	71.5	Andesite porphyry to 79', then mottled, banded silicified rhyolite tuff, maroon and black bands at 60° to core, bands composed of silica and Mn staining.	
92	100	8	8	100	Feox stained, mottled andesite porphyry, grading to kaolinized, Feox stained, medium grained andesite.	
100	110	10	9	90	Bleached, silicified medium grained rock, either andesite or rhyolite (?) rock brecciated, contains quartz eyes,	
110	119	9	8	89	Same to 114, grades to greenish andesite porphyry with limonite points.	

Line 1

Hoje No. 4

Page 2 of 2

() () () () () () () () ()

1. [Introduction](#)
 2. [Background](#)
 3. [Methodology](#)
 4. [Results](#)
 5. [Discussion](#)
 6. [Conclusion](#)
 7. [References](#)
 8. [Appendix](#)
 9. [Bibliography](#)
 10. [Index](#)
 11. [Glossary](#)
 12. [List of Figures](#)
 13. [List of Tables](#)
 14. [List of Abbreviations](#)
 15. [List of Symbols](#)
 16. [List of Equations](#)
 17. [List of Figures](#)
 18. [List of Tables](#)
 19. [List of Abbreviations](#)
 20. [List of Symbols](#)
 21. [List of Equations](#)
 22. [List of Figures](#)
 23. [List of Tables](#)
 24. [List of Abbreviations](#)
 25. [List of Symbols](#)
 26. [List of Equations](#)
 27. [List of Figures](#)
 28. [List of Tables](#)
 29. [List of Abbreviations](#)
 30. [List of Symbols](#)
 31. [List of Equations](#)
 32. [List of Figures](#)
 33. [List of Tables](#)
 34. [List of Abbreviations](#)
 35. [List of Symbols](#)
 36. [List of Equations](#)
 37. [List of Figures](#)
 38. [List of Tables](#)
 39. [List of Abbreviations](#)
 40. [List of Symbols](#)
 41. [List of Equations](#)
 42. [List of Figures](#)
 43. [List of Tables](#)
 44. [List of Abbreviations](#)
 45. [List of Symbols](#)
 46. [List of Equations](#)
 47. [List of Figures](#)
 48. [List of Tables](#)
 49. [List of Abbreviations](#)
 50. [List of Symbols](#)
 51. [List of Equations](#)
 52. [List of Figures](#)
 53. [List of Tables](#)
 54. [List of Abbreviations](#)
 55. [List of Symbols](#)
 56. [List of Equations](#)
 57. [List of Figures](#)
 58. [List of Tables](#)
 59. [List of Abbreviations](#)
 60. [List of Symbols](#)
 61. [List of Equations](#)
 62. [List of Figures](#)
 63. [List of Tables](#)
 64. [List of Abbreviations](#)
 65. [List of Symbols](#)
 66. [List of Equations](#)
 67. [List of Figures](#)
 68. [List of Tables](#)
 69. [List of Abbreviations](#)
 70. [List of Symbols](#)
 71. [List of Equations](#)
 72. [List of Figures](#)
 73. [List of Tables](#)
 74. [List of Abbreviations](#)
 75. [List of Symbols](#)
 76. [List of Equations](#)
 77. [List of Figures](#)
 78. [List of Tables](#)
 79. [List of Abbreviations](#)
 80. [List of Symbols](#)
 81. [List of Equations](#)
 82. [List of Figures](#)
 83. [List of Tables](#)
 84. [List of Abbreviations](#)
 85. [List of Symbols](#)
 86. [List of Equations](#)
 87. [List of Figures](#)
 88. [List of Tables](#)
 89. [List of Abbreviations](#)
 90. [List of Symbols](#)
 91. [List of Equations](#)
 92. [List of Figures](#)
 93. [List of Tables](#)
 94. [List of Abbreviations](#)
 95. [List of Symbols](#)
 96. [List of Equations](#)
 97. [List of Figures](#)
 98. [List of Tables](#)
 99. [List of Abbreviations](#)
 100. [List of Symbols](#)
 101. [List of Equations](#)
 102. [List of Figures](#)
 103. [List of Tables](#)
 104. [List of Abbreviations](#)
 105. [List of Symbols](#)
 106. [List of Equations](#)
 107. [List of Figures](#)
 108. [List of Tables](#)
 109. [List of Abbreviations](#)
 110. [List of Symbols](#)
 111. [List of Equations](#)
 112. [List of Figures](#)
 113. [List of Tables](#)
 114. [List of Abbreviations](#)
 115. [List of Symbols](#)
 116. [List of Equations](#)
 117. [List of Figures](#)
 118. [List of Tables](#)
 119. [List of Abbreviations](#)
 120. [List of Symbols](#)
 121. [List of Equations](#)
 122. [List of Figures](#)
 123. [List of Tables](#)
 124. [List of Abbreviations](#)
 125. [List of Symbols](#)
 126. [List of Equations](#)
 127. [List of Figures](#)
 128. [List of Tables](#)
 129. [List of Abbreviations](#)
 130. [List of Symbols](#)
 131. [List of Equations](#)
 132. [List of Figures](#)
 133. [List of Tables](#)
 134. [List of Abbreviations](#)
 135. [List of Symbols](#)
 136. [List of Equations](#)
 137. [List of Figures](#)
 138. [List of Tables](#)
 139. [List of Abbreviations](#)
 140. [List of Symbols](#)
 141. [List of Equations](#)
 142. [List of Figures](#)
 143. [List of Tables](#)
 144. [List of Abbreviations](#)
 145. [List of Symbols](#)
 146. [List of Equations](#)
 147. [List of Figures](#)
 148. [List of Tables](#)
 149. [List of Abbreviations](#)
 150. [List of Symbols](#)
 151. [List of Equations](#)
 152. [List of Figures](#)
 153. [List of Tables](#)
 154. [List of Abbreviations](#)
 155. [List of Symbols](#)
 156. [List of Equations](#)
 157. [List of Figures](#)
 158. [List of Tables](#)
 159. [List of Abbreviations](#)
 160. [List of Symbols](#)
 161. [List of Equations](#)
 162. [List of Figures](#)
 163. [List of Tables](#)
 164. [List of Abbreviations](#)
 165. [List of Symbols](#)
 166. [List of Equations](#)
 167. [List of Figures](#)
 168. [List of Tables](#)
 169. [List of Abbreviations](#)
 170. [List of Symbols](#)
 171. [List of Equations](#)
 172. [List of Figures](#)
 173. [List of Tables](#)
 174. [List of Abbreviations](#)
 175. [List of Symbols](#)
 176. [List of Equations](#)
 177. [List of Figures](#)
 178. [List of Tables](#)
 179. [List of Abbreviations](#)
 180. [List of Symbols](#)
 181. [List of Equations](#)
 182. [List of Figures](#)
 183. [List of Tables](#)
 184. [List of Abbreviations](#)
 185. [List of Symbols](#)
 186. [List of Equations](#)
 187. [List of Figures](#)
 188. [List of Tables](#)
 189. [List of Abbreviations](#)
 190. [List of Symbols](#)
 191. [List of Equations](#)
 192. [List of Figures](#)
 193. [List of Tables](#)
 194. [List of Abbreviations](#)
 195. [List of Symbols](#)
 196. [List of Equations](#)
 197. [List of Figures](#)
 198. [List of Tables](#)
 199. [List of Abbreviations](#)
 200. [List of Symbols](#)
 201. [List of Equations](#)
 202. [List of Figures](#)
 203. [List of Tables](#)
 204. [List of Abbreviations](#)
 205. [List of Symbols](#)
 206. [List of Equations](#)
 207. [List of Figures](#)
 208. [List of Tables](#)
 209. [List of Abbreviations](#)
 210. [List of Symbols](#)
 211. [List of Equations](#)
 212. [List of Figures](#)
 213. [List of Tables](#)
 214. [List of Abbreviations](#)
 215. [List of Symbols](#)
 216.

Date Stopped

[illegible]

DRILL HOLE LOG

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
130	142	12	9.5	79	Brown medium grained andesite, not well fractured, slightly kaolinized.	
142	167	25	25	100	Same, minor Feox staining	
167	194	27	27	100	Same rock type, color changes to pale green, minor fracturing, rock silicified w/ minor dissem. pyrite, Feox stained clay in fault zone 193 - 194.	
194	200	6	6	100	Silicified zone to 198', hard, dense rock w/ heavy Feox staining along fractures, grades to bleached andesite, then green, medium grained andesite w/ minor dissem. pyrite.	
200	230	30	30	100	Same, clear quartz veining at 219-220, and 230.	
230	239	9	9	100	Green-gray, medium grained, silicified andesite, minor dissem. pyrite, random, narrow quartz veins, vuggy w/ acicular crystals, veins 1 - 2 per foot., specks of pyrite and a black sulfide at contact of veins with wall rock.	
239	247	8	8	100	Same, first 2' laced with quartz veins, 5-6 per foot, individud veins from 1/4" to 2" thick.	
247	257	10	10	100	Same, quartz veining continues 3-4 per foot, 2-5% dissem. pyrite in rock along veins, frac. coated w/ fine grained silica.	
257	266	9	9	100	Silicified, brecciated, med. grained andesite to 259, then green-gray, fine grained, silicified andesite or rhyolite w/ 2% dissem. pyrite, no quartz veining.	

Project TuscaroraArea DexterHole No. 1
Page 1 Of 2

Location:

North

Depth 390'

From

() () () () ()

East

Inclination 90°

To

Elev.

Bearing VerticalLogged by J.V.T.

Date Started

Date Stopped

DRILL HOLE LOG

Hoje No. 1

Project TuscaroraArea DexterPage 2 of 2

Location:

Depth

[illegible]

North

Inclination

From

East

Bearing

To

—

Елев.

Logged b

Date Started

Date Stopped

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
266	273	7	7	100	Same to 269, grades into gray, porphyrytic rock w/ fine grained ground mass, rock has phenocrysts of kaolinized feldspar, rock silicified.	
273	283	10	10	100	Fine grained siliceous rock, porphyrytic, rock not fractured.	
283	293	10	10	100	Same, inclusion of grey-black chert at 291', minor quartz veining.	
293	304	9	9	100	Medium to fine grained silicified andesite, rock mainly sugary white quartz with dissem. pyrite and swirls of blue-black vitreous quartz.	
304	346	42	42	100	Fine grained, silicified andesite, porphyrytic texture, 2-5% dissem. pyrite, gray-green color,	
346	384	38	38	100	Green-gray, silicified andesite porphyry, 5% dissem. pyrite,, dense rock w/ indistinct banding at 60° with core, grades into bleached, med. grained andesite porphyry at 359', then to fine-grained grey rhyolite tuff at 373.	
384	390	6	6	100	Medium grained, kaolinized andesite, Feox stained from specks of oxidized magnetite and biotite, rock not siliceous.	
					BOTTOM OF HOLE	

DRILL HOLE LOG

Hole No. 2

Project TuscaroraArea DexterPage 1 of 2

Location:

Depth 150

() () () () ()

North

Inclination 90°

From

East

Bearing Vertical

To

Elev.

Logged by J.V.T.

Date Started

Date Stopped

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
0	33	10	33	30	Clay and andesite, possibly old dump material to 22', then medium to coarse grained, green-brown, kaolinized andesite, Mn staining on fracture surfaces, 1/4" quartz vein w/ mod. Feox. staining at 30'.	
33	84	51	51	100	Coarse grained, brown-green andesite, weathered, minor Mn staining on fractures, feldspars moderately kaolinized, 1/2" sugary quartz vein w/ limonite spots at 39', no veining beyond 42'.	
84	93	9	9	100	Same rock, becoming heavily Feox stained and moderately silicified.	
93	102	9	9	100	Brecciated, bleached, kaolinized andesite, Feox staining in points and veinlets, rock becoming silicified and veined w/ silica toward bottom.	
102	113	11	11	100	Medium grained kaolinized andesite w/ silica veinlets and segregations, highly Feox stained.	
113	122	9	9	100	Fault zone at 113' w/ heavy dull black Mn staining, rock grades into greenish grey and green - white fine grained siliceous rock w/ Mn points, some Mn and dull brown Feox flooding along fracture surfaces 120-122.	
122	135	13	13	100	Fine-grained light green and cream silicified rhyolite and rhyolite tuff, moderately Feox stained, quartz vein at 132.5', 1" wide.	

NO. 10

Hole No. 3
Page 1 of 1

Date Started	Date Stopped
--------------	--------------

[illegible]

Project Tuscarora

Area Grand Prize

Page 1 of 1

Hole No. GP-3

Location:

Depth 289

From

() () () () ()

North

Inclination 90°

To

East

Bearing Vertical

To

Elev.

Logged by J.V.T.

Date Started

Date Stopped

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
0	130	130			Rotary hole	
130	140	10			Kaolinized andesite porphyry, contact w/ sulfide zone at 123', rock changes to gray, silicified andesite porphyry w/ estimated 10% dissem. pyrite, fracture zone at 135 and 138 w/ cinn. brown limonite coatings.	
140	200	60			Same rock, contains 15-20% dissem. pyrite throughout, feldspar clots altered to white clay, 1" pyrite veins at 159.5-161, fracture zone w/ brown-stained clay at 164-165, fault at 172 w/ 6" blue gouge, narrow fault zone at 189, another at 190-192, both w/ blue clay gouge, rock green from hornblend content.	
200	218	18			Medium grained, gray andesite porphyry w/ 10-15% dissem pyrite, pyrite veinlets lacing rock, fault zones at 209-210, 213-214, 215-216, 216.5-217.5, Blue clay gouge along faults contains fine-grained dissem. pyrite.	
218	225	7			Same rock, uneven clots of pyrite as bright crystals w/ striated crystal faces.	
225	285	60			Same, rock moderately broken, shear faces coated w/ blue clay and pyrite, points of black mineral with pyrite at 230', fault zone w/ blue clay at 238-239, 254-256, 279-280.	
285	289	4			Silicified, medium grained hornblend andesite, gray-green, trace of dissem pyrite, rock not fractured	

BOTTOM OF HOLE

Hoje No. 3

Page 1 of 1

() () () () () () () () ()

From _____

10

Date Started 10/30/09 Date Stopped 10/30/09

[illegible]

DRILL HOLE LOG

Hole No. 3 (offset)Project Tuscarora

Area

Dexter

Page 1 of 2

Location:

Depth 200

() () () () ()

North

Inclination 90°

From

East

Bearing Vertical

To

Elev.

Logged by J.V.T.

Date Started

Date Stopped 11/4/69

Footage				% Rec'y	Description	Sample Number
From	To	Feet	Rec'y			
10	20	10	10	100	Medium fine grained, mottled green and tan tuff, moderate Feox staining.	
20	30	10	9	90	Same, grades into light green mottled and purple andesite at 25', moderate Feox stain	
30	39	9	9	100	Same, rock moderately silicified.	
39	48	9	9	100	Mottled green and brown andesite porphyry, moderate Feox staining.	
48	57	9	9	100	Same	
57	67	10	10	100	Same, sections from 63-65 and 66-67 cut by irregular milky quartz veins, vuggy w/ Feox staining on crystals, vein at 64' 6" wide, cuts core at 40°.	
67	75	8	8	100	Mottled gray green andesite porphyry, points of limonite staining.	
75	84	9	9	100	Same	
84	93	9	9	100	Same, Feox veining 86-88, rock grades into green white bleached andesite w/ limonite points.	
93	102	9	9	100	Mottled, Feox stained white and green gray andesite, last 2' highly Feox stained	
102	110	8	8	100	Brecciated, highly Feox Stained andesite porphyry to 104, grades to medium grained bleached andesite.	
110	119	9	9	100	Same, rock flecked with brown limonite.	

