

# GOLDFIELDS EXPLORATION

DRILL HOLE No. FTD5

	Bedding		Disseminated
	Cleavage		Massive
	Foliation		Pervasive
	Fault Shear		Narrow Vein
	Breccia		Visible Gold
	Broken Core		

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Firetower

PROSPECT :

DATE :

LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
	PREFIX			1/16 1/4 1 4 16 32	SIL SER. PY CS				
0						No core recovery			
10		Broken core puggy breccia				3.3 Qtz - xtal lithic vc sst/gray -wacke. Massive, well sorted polymict. Pervasive sil-co <sub>2</sub> alb. 2.1% Py vns. co <sub>2</sub> vein lob 2.4m puggy fault	Egg	VRQM	C7P2
20		Carb Vn vca=				True cpy Py vns 12.8 chlorite fault 14.4 qtz - lithic vc sst graded silica co <sub>2</sub> alb. co <sub>2</sub> -qtz vns Trace Py 16.0 Qtz xtal rich vc sst silica co <sub>2</sub> alb strong to intense chl-co <sub>2</sub> vns. Trace Py vns + divm.	Egg	VRQM	C8P2
30		chlorite fault 5-10 FcA PcA=30°				20.3 chl altered + broken qtz-xtal sst ± vitric rich slab. co <sub>2</sub> vns + alb. 23.4 laminated, vitric + black siltstone. disrupted. co <sub>2</sub> alb + vns 25.7 co <sub>2</sub> alb qtz xtal vc sst Pale cream - 27.1 laminated, vitric + black silt. strong dominal co <sub>2</sub> alb	Egg	VRQM	C8P2
40		Full PcA=20°				31.4 massive, vitric siltstone. co <sub>2</sub> -sil alb. 32.7 co <sub>2</sub> vns trace Py. Disrupted, laminated siltstone. co <sub>2</sub> alb + vns. Laminar vns. cpy + Py trace. 35.7 Massive, qtz xtal - lithic vc sst. Pervasive co <sub>2</sub> -sil alb. co <sub>2</sub> microvns brn. True Py vns	Egg	VRQM	C8

REMARKS

# GOLDFIELDS EXPLORATION

DRILL HOLE No. FD05

- |                |                |
|----------------|----------------|
| — Bedding      | Disseminated   |
| └ Cleavage     | Massive        |
| ▲ Foliation    | Pervasive      |
| ~ Fault, Shear | Narrow Vein    |
| △△△ Breccia    | * Visible Gold |
| Broken Core    |                |












SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT :	Fireclaw
PROSPECT :	
DATE :	
LOGGED BY :	T. Callaghan

HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
40						42.0- white siltstone, coq all. Pale cream Eggs 44.6 45.1 black shale, co <sub>2</sub> + galena white rich ve siltstone. pervasive co <sub>2</sub> - ser all. 1% sulphides py var Eggs	URVF		C8
50		BCA = 80°				50.3m Laminated black siltstone co <sub>2</sub> all. Bands of white siltstone co <sub>2</sub> var. 52.4 white siltstone co <sub>2</sub> all. oryx 53.5 Ore - porous lithic ve oryx. ser all. porous clots to 3mm. Pervasive co <sub>2</sub> - silica. 2-4% qtz - py - cpy - gal - chalocite var.	53.5 Eggs		C5
60		BCA = 80°  60-62.5 mislabel core 0-7m loss				Mineralized Eggs	URVP		C8P3
70						64 & weathered lim var VARP 65.4-65.5 Fault. Ore - sil sst. graded to cream coloured, co <sub>2</sub> all Eggs	Eggs URVP		C8L5 C8
80						71.4 Graded, volcanoclastic sst. Well sorted. Decreasing co <sub>2</sub> all. Laminated lops. 5% co <sub>2</sub> var. V. minor py - cpy - 73m Eggs	URVP		C3
REMARKS									

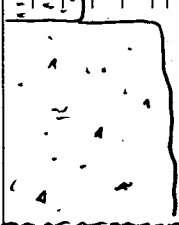

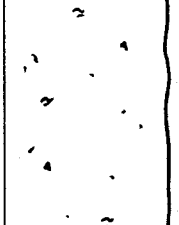
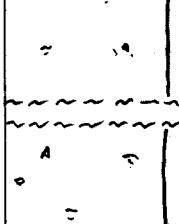
# GOLDFIELDS EXPLORATION

DRILL HOLE No. FT05

- |   |              |   |              |
|---|--------------|---|--------------|
|  | Bedding      |  | Disseminated |
|  | Cleavage     |  | Massive      |
|  | Foliation    |  | Pervasive    |
|  | Fault, Shear |  | Narrow Vein  |
|  | Breccia      |  | Visible Gold |
|  | Broken Core  |   |              |

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT	: <u>Fireclaw</u>
PROSPECT	:
DATE	:
LOGGED BY	: <u>T. Callaghan</u>

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
	PREFIX			1/16 1/4 1" 4 16 32 SIL. SER. PY. SO <sub>2</sub> J CH					
80						80-88.5 Massive, coarse grained polymict ve drax. Quartz + siliceous clasts. Pervasive med. chl. all. minor CO <sub>2</sub> vas. Eggs	VDLB		03
88.5						88.5-98 Puggy, broken, watered fault. Massive, polymict ve drax. Quartz, andesite, ssb + punice clasts. Chl. all. Calcite veins ~ 2%. Eggs	FACT		03
98						98-105 Puggy, broken, chl. fault. Massive, polymict volcanoclastic drax. Matrix supported. Chl all punice clasts. Mod. pervasive chl all. Eggs	VDLP		03
105						105-108.1 Broken, chloritic fault. Core loss.	FACT		05
108.1						EOH			
REMARKS									

# GOLDFIELDS EXPLORATION

DRILL HOLE No. FT06

- |                |                |
|----------------|----------------|
| — Bedding      | Disseminated   |
| └ Cleavage     | Massive        |
| ▲ Foliation    | Pervasive      |
| ~ Fault, Shear | Narrow Vein    |
| △△△ Breccia    | * Visible Gold |
| Broken Core    |                |

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Gog

PROSPECT : Firelower

DATE : \_\_\_\_\_

LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
0						NO CORE			
2.0		FeA = 40°				2.0 grey, silicified vitric siltstone (chert) vns. Eggs	SILT		Q7
2.9		Puggy laminar fault.				2.9 fine grained volcanoclastic silt. 2% Lm vns. Mod. pervasive CO <sub>2</sub> alt. Eggs	VRUF		C4
4.30		FeA = 30°				4.30 moderately weathered, qtz-feld-lithic VC greywacke. 5-10% qtz-lam vns. Eggs	VRQM		C4
8.0						8.0 Massive, qtz xtal vns, lithic VC Breccia / greywacke. clast increasing downhole clast dominantly, angular to subrounded dark grey silicified volcanoclastic silt or chert. Pervasive silt-CO <sub>2</sub> alt. Eggs	VRUB		CSQ6
26.4		Puggy fault FeA = 60°				26.4 dark, vitric siltstone. disrupted CO <sub>2</sub> vns + drus Eggs	SILT		C3
27.7						27.7 very fine vitric siltstone c 2-3% qtz xtls. Pervasive CO <sub>2</sub> alt 2% py veinlets. Eggs	VRUF		C8
31.7		Massive CO <sub>2</sub> Breccia vns. open framework FeA = 10°				31.7 Dark grey, laminated vitric siltstone. Pervasive CO <sub>2</sub> alt + CO <sub>2</sub> -silica vns. < 1% py veins Trace galena. Eggs	SILT		CSQ1
40									
REMARKS									

# GOLDFIELDS EXPLORATION

DRILL HOLE No. F706

- |              |              |
|--------------|--------------|
| Bedding      | Disseminated |
| Cleavage     | Massive      |
| Foliation    | Pervasive    |
| Fault, Shear | Narrow Vein  |
| Breccia      | Visible Gold |
| Broken Core  |              |

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT	: Firetower
PROSPECT	:
DATE	:
LOGGED BY	: T. Callaghan

HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
6						44-2 Qtz-xhl-lithic VC drxs/sst Pervasive sil-ser-co3 alb. Silt lithics minor Lim vns. Py-silica-co3 vns.			
50									
54						54-2 Laminar fault. Shear & oxidized			
54-7						qtz-xhl-lithic (pumice) VC grey wacke. 2-3 mm ser alb pumice frag. Silt chsts. Pervasive CO3 alb. Py+Lim vns. Minor base metals.	FALT		C19
60									
69						69-9 Dark grey to black laminated vitic wacke VC siltstone + black slate. Minor CO3 alb. in CO3 vns & trace Py disrupted			
74						74-3 alt xhlst & silty lfs laminated CO3 alb			
76						76-7 Lithic with VC drxs. disrupted.			
77						77-5 Qtz-co3-py vns/fault.			
78						Pale cream laminated vitic wacke VC siltstone. CO3 alb.			
80						CO3-sil vns			

REMARKS

# GOLDFIELDS EXPLORATION

DRILL HOLE No. FTD6

- |              |              |
|--------------|--------------|
| Bedding      | Disseminated |
| Cleavage     | Massive      |
| Foliation    | Pervasive    |
| Fault, Shear | Narrow Vein  |
| Breccia      | Visible Gold |
| Broken Core  |              |

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Fivefamer

PROSPECT :

DATE :

LOGGED BY : T. Callaghan











HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
80				1/16 1/4 1 4 16 32	SIL SER PY CH				
90			BCA = 20°			<p>88-9 Fine grained, graded little VC ssb (no qtz) laminated to diffusely bedded. weak to med co. alk. cream. Cggb</p> <p>90.4 Fine grained, diffusely bedded little VC greywacke. weak chl alk Cggb</p>	VR L M		C3
						95.3- Pussy fault.			
						95.5- laminated and diffusely bedded little rich VC greywacke ssb Graded & well sorted. weak chl. alk. Cggb	VR L M		C3
100			BCA = 40°			107.8 Pussy fault & core loss.			
						109.2 very fine grained VC ssb. Pale grey massive weak carb. var. Cggb	VR L F		D2
110						116.0 dark grey, laminated white rich VC ssb. Broken Cggb	VR L F		D1
						117.0 EON			
120									

REMARKS

## GOLDFIELDS EXPLORATION

DRILL HOLE No. FT07

SHEET \_\_\_\_\_ OF \_\_\_\_\_

- |   |              |   |              |
|---|--------------|---|--------------|
|    | Bedding      |    | Disseminated |
|   | Cleavage     |   | Massive      |
|  | Foliation    |  | Pervasive    |
|  | Fault, Shear |  | Narrow Vein  |
|  | Breccia      | *   | Visible Gold |
|  | Broken Core  |   |              |

PROJECT : FiveLower

**PROSPECT :**

DATE :

LOGGED BY : T. Callaghan

HOLE DEPTH 0	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION						GEOLOGY NOTES	SUMMARY		
					SIL.	SER.	PY.	C <sup>+</sup>	O <sup>-</sup>	Li		FORMATION	ROCK	ALTERATION
0				1/16 1/4 1 4 16 32							No core recovery			
10		FCA = 20°			/	/	/	/	/		4-5 qtz xtal - lithic VC ssbl greywacke. Some ssbl lithic to 4cm. pervasive con all red ss 7-7 white rich VC ssbl, minor sil. con vst + all. 9-8 fuzzy fault Massive, qtz xtal lithic VC greywacke Subrounded lithic to 1cm Pervasive con - ss all. CO <sub>2</sub> vns. Minor limonite Jls 20° JCA + 49° JCA	Egg6 VRQM VRUF FAL		C752
20		Low VCA carb vns eneochelon  diporal offset.  Trace cpy			/	/	/	/	/			Egg6 VRQM		
30		generally low pch ~ 10°  local dark vns carb mill.			/	/	/	/	/		24-5 fine grained banded volcanicslitic siltstone. Strongly disrupted & strong CO <sub>2</sub> breccia/stockwork venosity.	Egg6 VRUF		C8
40					/	/	/	/	/					
REMARKS														

DRILL HOLE No. F707

SHEET \_\_\_\_\_ OF \_\_\_\_\_

**PROSPECT :**

DATE :

LOGGED BY : T. Collins

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
0	PREFIX			1/16 1/4 1 4 16 32 SIL. SER. PY. CO <sub>2</sub> LI					
40		annealed fault. FCA = 45° 5cm wide.				-44.2 Dominantly black siltstone. strongly silicified + brecciated. CO <sub>2</sub> vns Eggbs	SILT		CS
	Puggy fault	FCA = 30° +45°				-46.4 Fault / vein Brax. Limonite vitric vials VC ss/b -46.7 massive, qtz xhl lithic VC Breccia / greywacke. Polymict. Pervasive CO <sub>2</sub> all. <1% Py - cpy - Lim vns. Eggs	FACT		CBLB
50		Lim py vn VCA 15°				-52 vitric rich VC ss/b disrupted -52.6 + vmsd. CO <sub>2</sub> - silica all. Eggs Massive qtz xhl - lithic VC Brax / greywacke. Pervasive CO <sub>2</sub> ser all. Py - Lim. Vns. Eggs	URLB		CSP1
						-56.8 rhyolite intrusion -57.1 massive qtz xhl rhyol -57.3 massive qtz phre rhyolite CO <sub>2</sub> all -57.4 spherulitic CO <sub>2</sub> - ser all. Eggs	IRLC		
60		carb Brax. X qtz - Lim vn VCA = 60°				Massive, qtz xhl - lithic VC Brax. Pervasive CO <sub>2</sub> all. Brecciated. Eggs	VRLO		CBJ2
						65 massive qtz xhl - lithic - Pumice VC greywacke. CO <sub>2</sub> all carb qtz vns trace cpy + py Bldg ser all pumice clots. EggsE1	VRBP		CBJ3
70						Qtz meg + lts. ss/b lithic			
80									
REMARKS									



# GOLDFIELDS EXPLORATION

DRILL HOLE No. PT07

- |                |                |
|----------------|----------------|
| — Bedding      | Disseminated   |
| └ Cleavage     | Massive        |
| ▲ Foliation    | Pervasive      |
| ~ Fault, Shear | Narrow Vein    |
| △△△ Breccia    | * Visible Gold |
| Broken Core    |                |

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Fireclaw

PROSPECT :

DATE : 8-12-01

LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
80	core	655 80-82 0.6m	BCA = 80° ↓			80-2 laminated, graded vitric siltstone minor sandy beds. Decreasing CO <sub>2</sub> alt + bleaching. Eggbs	VRVF		C1
90			BCA = 85°			87 graded, well sorted sandstone. pale grey. weak chl alt. Minor CO <sub>2</sub> var Eggc	VRAM		O3
100						96.5 Coarse, polymict volcaniclastic Breccia. Pumice clast chl alt. Qtz xlab, rhyolite clasts. siliciclastic. weak chl. alt. Eggci	VRKP		O3
110						107.4 EON 107.5m.			
120									

REMARKS

# GOLDFIELDS EXPLORATION

DRILL HOLE No. FTD 8

- |              |              |
|--------------|--------------|
| Bedding      | Disseminated |
| Cleavage     | Massive      |
| Foliation    | Pervasive    |
| Fault, Shear | Narrow Vein  |
| Breccia      | Visible Gold |
| Broken Core  |              |

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Firetower

PROSPECT :

DATE :

LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
0						no core recovery			
10						3-9 Dominantly qtz xtl with > 1.7% vc sst. Dark grey greynake. Pervasive chl alk. 10% Limonite vens.  Egg6 VRQM 07			
20						11-8 fine grained v. fine sst. cream, 12-9 Pervasive CO <sub>2</sub> alk. + vens. Egg6s qtz xtl - 1.7% vc sst. min sst. up to 5. Pervasive CO <sub>2</sub> alk. Limonite vens.  Egg6 VRQM C6			
20						18-2-18-8 Dark grey siltstone. CO <sub>2</sub> vens, L. vens. Dark grey siltstone. CO <sub>2</sub> vens. Egg6s 19-9 qtz xtl 1.7% vc sst. CO <sub>2</sub> alt Paler overprinting chl alk.  Egg6 VRQM C3 C8			
30						22-9 Dark grey siltstone. L. vens. CO <sub>2</sub> vens. Egg6s 24-1 graded, qtz xtl - 1.7% vc sst. Pervasive CO <sub>2</sub> alk. + vens. Limonite Py-rpy v. white  Egg6 VRQM C603			
40						variable chl alk overprinted by CO <sub>2</sub> alk. patchy.  pervasive chl alk. weak CO <sub>2</sub> vens.			
REMARKS									

# GOLDFIELDS EXPLORATION

DRILL HOLE No. PT08

- |                |                |
|----------------|----------------|
| — Bedding      | Disseminated   |
| └ Cleavage     | Massive        |
| ▲ Foliation    | Pervasive      |
| ~ Fault, Shear | Narrow Vein    |
| ⚡ Breccia      | * Visible Gold |
| Broken Core    |                |

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT :	Firetower
PROSPECT :	
DATE :	
LOGGED BY :	T. Callaghan

HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
46				1/16 1/4 1 4 16 32	SIL. SER. PY. CO <sub>3</sub> CHL				
48						43.0 Fault, broken ground	FACT		
						43.9 v. mic v. mic v. siltstone. Eggbr	URLF		C7
						45.7 qtz xbl lithic v. ssb. 46.0 co <sub>3</sub> - ser alt. <1% py - (py - cordillera) v. Eggbr	URLQm		C2S3
50						50m decreasing co <sub>3</sub> alt chl alt	Eggbr	URLQm	07
		Poor Core recovery							
						56 co <sub>3</sub> alt py vns.			C6
60						57			07
						61.3-61.9 puggy fault.	FALT		
						Massive, poly-mic, qtz xbl - Pumice lithic v. breccia. Pervasive ser-co <sub>3</sub> alteration Trace to 1% py vns.	Eggci	URLP	C8S4
70									
		Poor Core Recovery unstable.							
						74.5 Puggy fault. 1.1m core lost.	FALT		
						76.2 Medium ground, pumice lithic v. ssb. Pervasive co <sub>3</sub> - ser alt. Eggci	URLP		C8S4
80						79.3 Fault	FALT		
REMARKS									

# GOLDFIELDS EXPLORATION

DRILL HOLE No. F708

- |                |                |
|----------------|----------------|
| — Bedding      | Disseminated   |
| └ Cleavage     | Massive        |
| ▲ Foliation    | Pervasive      |
| ~ Fault, Shear | Narrow Vein    |
| △△△ Breccia    | * Visible Gold |
| Broken Core    |                |

SHEET \_\_\_\_\_ OF \_\_\_\_\_












PROJECT	: <u>Fuelower</u>
PROSPECT	:
DATE	:
LOGGED BY	: <u>T. Callaghan</u>

HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION						GEOLOGY NOTES	SUMMARY							
					1/16	1/4	1	4	16	32		SIL	SER.	Py	CO <sub>2</sub>	CHI	FORMATION	ROCK	ALTERATION
80																			
90																			
100																			
110																			
120																			

REMARKS

# GOLDFIELDS EXPLORATION

DRILL HOLE No. FT08

- |   |              |   |              |
|---|--------------|---|--------------|
|  | Bedding      |  | Disseminated |
|  | Cleavage     |  | Massive      |
|  | Foliation    |  | Pervasive    |
|  | Fault, Shear |  | Narrow Vein  |
|  | Breccia      |  | Visible Gold |
|  | Broken Core  |   |              |


SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Firelower

PROSPECT :












DATE :

LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION					GEOLOGY NOTES	SUMMARY		
					SIL	SER	PH	CO <sub>2</sub>	CH		FORMATION	ROCK	ALTERATION
120										chl. alk. pumice clast. Eggi Late CO <sub>2</sub> -ser alk ± CO <sub>2</sub> qtz veins.	UALLP		C1
130										126.8 alk. pumice, pussy show. 126.2 chl. alk. poly. pumice Brn Eggi 126.6 EOH	FAL7	UALLP	OK
REMARKS													

# GOLDFIELDS EXPLORATION

DRILL HOLE No. A709

	Bedding		Disseminated
	Cleavage		Massive
	Foliation		Pervasive
	Fault, Shear		Narrow Vein
	Breccia		Visible Gold
	Broken Core		

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Finlona

PROSPECT :












DATE :

LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
PREFIX				1/16 1/4 1 4 16 32	SIL SER. PY. CO <sub>2</sub>				
0									
10						No Core 1-4 massive, pale yellow/cream pumiceous Breccia. Silica- carb-ser all. pervasiv Trace Lim - py v. n. b. l. Dominantly sandy to vitric ± some large pumice clasts.	Eggci	VRLP	S3C2
20									
30		Shallow FCA ~ 10° Dip = 80°				21-2 fault ser-p, n L 22 22-6 sericitic fault Eggci 23-4 vitric-pumice sst Eggci 24 pumiceous Brecc. ser-co <sub>2</sub> -py alk+V, Eggci 25-1 laminated, dark grey vc siltstone Eggci 26-2 coarse, pumice lithic vc Brecc. Eggbs 29-2 dark, laminated siltstone Eggbs 29-9 vitric-lithic vc sst pale cream, ser-co <sub>2</sub> all. Eggbs 32-4 black slate, pyritic (20) Eggbs 34 siderite v. n. s. Pale cream, grad, pumice sst ± vitric rich vc top. Pervasive ser alt 5% by galena Brecc. v. n. s. Eggbs	FAULT VRLP FAULT VRLP VRLP SILT VRLP SILT VRVP SILT VRVP	S3C2 S8 S3C2 S3C3 S3C2 S3C4 K1 S4P5	
40						39-5			
REMARKS									

DRILL HOLE No. F709

**SHEET \_\_\_\_\_ OF \_\_\_\_\_**

- |   |              |   |              |
|---|--------------|---|--------------|
|  | Bedding      |  | Disseminated |
|  | Cleavage     |  | Massive      |
|  | Foliation    |  | Pervasive    |
|  | Fault, Shear |  | Narrow Vein  |
|  | Breccia      |  | Visible Gold |
|  | Broken Core  |   |              |

**PROJECT :** *Freelance*

**PROSPECT :**

DATE :

LOGGED BY : T. Collins Lane

[illegible]

# GOLDFIELDS EXPLORATION

DRILL HOLE No. F70 7

- |              |              |
|--------------|--------------|
| Bedding      | Disseminated |
| Cleavage     | Massive      |
| Foliation    | Pervasive    |
| Fault, Shear | Narrow Vein  |
| Breccia      | Visible Gold |
| Broken Core  |              |

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT :
PROSPECT :
DATE :
LOGGED BY : <u>T. Callaghan</u>

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
80	PREFIX			1/16 1/4 1 4 16 32	SIL. SER. PY. CO <sub>2</sub> CH				
90		core lost				89.5 Puggy broken hull, 90 1/2 xhl stb. 91 Broken + puggy core. Brittle hull 92.8 chloritic, pumice lithic ve Bxx Rhymer = rounded lithic clasts. Eggci	FALT VRLP		
100		Poor core recovered.				99.0 Bleached, pumice-lithic ve Bxx. Massive. Broken. 101.3 white siltstone. 102. Pumice-lithic ve stb. 102.7 chloritic, vitric rich ve stb. Banded. minor black stb. Poor recoveries. 107.6 Broken and puggy chloritic vitric ve siltstone. 111.7 EON	Ggxi Ggbr Ggki Ggbs	VRLP VRLP VRLP	03 04
110						Hole stopped in fault.			FALT.
REMARKS									



# GOLDFIELDS EXPLORATION

DRILL HOLE No. FTD10

- |                |                |
|----------------|----------------|
| — Bedding      | Disseminated   |
| └ Cleavage     | Massive        |
| ▲ Foliation    | Pervasive      |
| ~ Fault, Shear | Narrow Vein    |
| Breccia        | * Visible Gold |
| Broken Core    |                |

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Firelower

PROSPECT :

DATE :

LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION							GEOLOGY NOTES	SUMMARY							
					1/16	1/4	1	4	16	32	SIL		SER	Py	Chl	SO	FORMATION	ROCK	ALTERATION	
0																				
10																				
20																				
30																				
40																				
REMARKS																				

# GOLDFIELDS EXPLORATION

DRILL HOLE No. FT010

- |              |              |
|--------------|--------------|
| Bedding      | Disseminated |
| Cleavage     | Massive      |
| Foliation    | Pervasive    |
| Fault, Shear | Narrow Vein  |
| Breccia      | Visible Gold |
| Broken Core  |              |

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Firestorm

PROSPECT :












DATE :

LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
40	PREFIX			1/16 1/4 1 4 16 32	SIL SER PY CO <sub>2</sub>				
40		FCA = 15°				44.5 Feld-gls xtal srb. co <sub>2</sub> alt. feld. Egg6	URXm		C2
		BCA = 45°				42.7-42.8 Fine white siltstone + shale. Egg6	FAL7		
						42.9 graded silt. srb. srb. xtal with base. weak co <sub>2</sub> -chalk. Egg6	URXm		C202
						46-5 Banded volcanoclastic siltstone and dark grey shale. co <sub>2</sub> alt. volcanoclastic srb bands. Disrupted + Brecciated. Egg6.	SZLT		C2
50									
		0.7m core lost. strongly faulted				57.3 Fault. + core lost 58-0	Fault		
60		FCA = 90°					Egg6	SZLT	C2
		2.4m Core lost in fault				61.2 xtal with ve srb. co <sub>2</sub> alt. Egg6	URXm		C3
						61.4 Puggy fault + broken ground.	FAL7		
						62.3 Feld xtal - 1.5m VC srb. Egg6	URXm		C3
						63.4 siltstone rip-ups. co <sub>2</sub> alt. Broken + Puggy ground. 2.4m core lost.	FAL7		
						65.4 Fine-med. grained feld-gls xtal srb. weak chl alt. Egg6.	URXm		C3
70						66.1 qtz-bio? porphyry. co <sub>2</sub> -srb alt. srb. alt. bio flakes. 2-3% Py veins. CO <sub>2</sub> vns + Breccia vns. Mod to strong alteration	IRBC		C5P2
80									
REMARKS									

# GOLDFIELDS EXPLORATION

DRILL HOLE No.. F7010

-  Bedding
-  Cleavage
-  Foliation
-  Fault, Shear
-  Breccia
-  Broken Core
-  Disseminated
-  Massive
-  Pervasive
-  Narrow Vein
-  \* Visible Gold

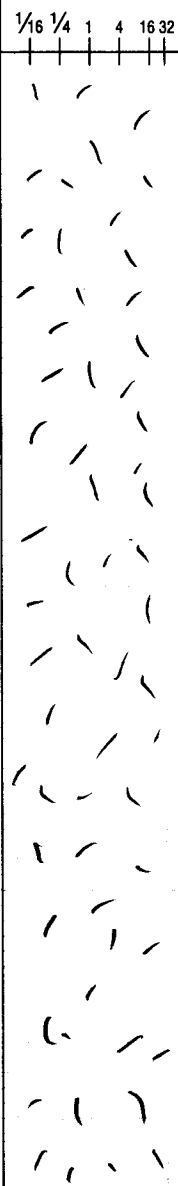

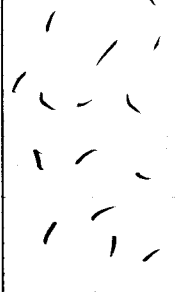
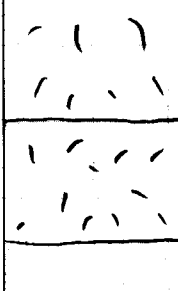
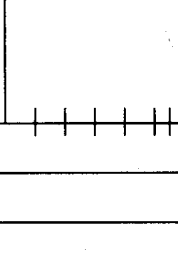
SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Firelower

PROSPECT :












DATE :

LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION				GEOLOGY NOTES	SUMMARY							
					1/16	1/4	1	4		16	32	SO	SER	Py	OH	FORMATION	ROCK
80																	
90																	
100																	
110																	
120																	
REMARKS																	

# GOLDFIELDS EXPLORATION

DRILL HOLE No. FD011

	Bedding		Disseminated
	Cleavage		Massive
	Foliation		Pervasive
	Fault, Shear		Narrow Vein
	Breccia		Visible Gold
	Broken Core		

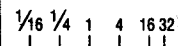
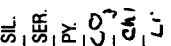
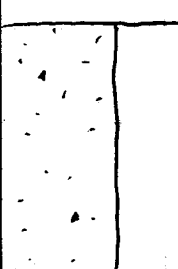
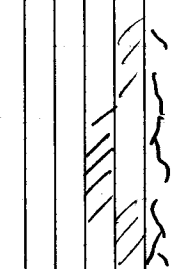
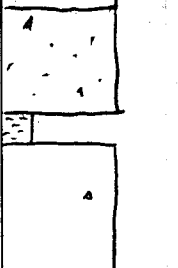
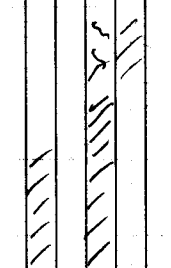
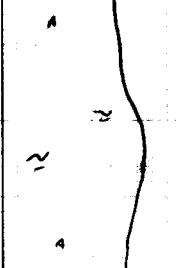
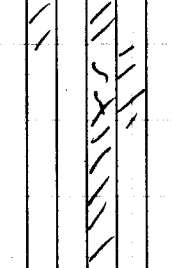
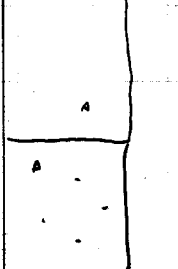
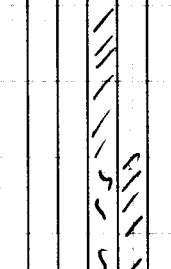
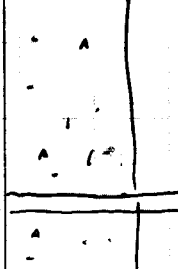
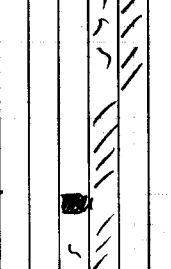
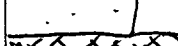


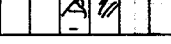
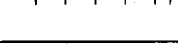



SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : FireLower

PROSPECT :

DATE : 16-1-02

LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
0						No core recovery.			
10		Poor core recovery.				3-5 weathered qtz xhl - lithic vc sst/graywacke. 5% limonite vns. patchy chl or CO <sub>2</sub> alt. Egg6 VRQM C203			
10		Pore at weathering.				10.0 Qtz xhl lithic vc sst/graywacke Pervasive chl. alb. CO <sub>2</sub> vns. Egg6 VRQM O3C2			
20		PCA = 20°				12.6 vltic siltstone laminated. 13.6 Pervasive CO <sub>2</sub> alt. Egg6 VRQM C4			
30						qtz xhl - lithic vc sst/ graywacke. pervasive CO <sub>2</sub> - ser alt + CO <sub>2</sub> vns. minor chl patchy CO <sub>2</sub> vns. Egg6 VRQM C4S2			
40						Coarser & some ser. alt pumice clast.			
50						27.4 qtz xhl - lithic vc sst Pervasive CO <sub>2</sub> alt. 5% CO <sub>2</sub> vns. 90% lithic to 4mm. Egg6 VRQM O4C1			
60		PCA = 15°				Increasing CO <sub>2</sub> alt.			
70						36 sulphide un i puggy fault. 36.5 qtz xhl lithic vc sst. Pervasive CO <sub>2</sub> alt + vns. Egg6 VRQM C3			
80		PCA = 60°				38.7 intensely altered & brecciated 39.8 vc sst. CO <sub>2</sub> + sulph. in over.			
REMARKS									

# GOLDFIELDS EXPLORATION

DRILL HOLE No. FTD11

	Bedding		Disseminated
	Cleavage		Massive
	Foliation		Pervasive
	Fault, Shear		Narrow Vein
	Breccia		Visible Gold
	Broken Core		

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Fire Lower

PROSPECT :

DATE : 16-01-02












LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
40						Red-qtz porphyry dyke. CO <sub>2</sub> alt. Eggs	VRCC		CB
						Poly mch, qtz xhl-lithic VC Brxx. Abundant silb rip up + qtz mega-xhls (10mm) Pervasive CO <sub>2</sub> alt. sp. gal-Aspy Vehst. Eggs	URLB		CSP2
						46.2 Dark grey, chl alt. (Biohale??) qtz xhl greywacke. CO <sub>2</sub> -sulph Vns. sp. py-Eggs	URLM		OSC1
50		Brx = 35° (PCA??)				48.6 silstone chl (Bio alt) 49.6 CO <sub>2</sub> spots + vns. Eggs	URLF		OSC2
		Brxx + Vns.				Coarse, qtz xhl-lithic VC Brxx/greywacke. Some sub-rounded lithic. Dark grey chl after Bio?? alt. CO <sub>2</sub> vns + spots.			
						51.3 m hornbladed dyke contact. 10cm intrusive.			
						56.3 m hornbladed dyke contact. 10cm intrusive.			
60		Pussy fault 61-62 m.				60 Pale grey, bleached + CO <sub>2</sub> alt. VC Brxx. Polymich xhl-lithic. 61-62 m faulted Eggs	URLB		CB
		FLA = 25°				Strong CO <sub>2</sub> alt. minor sulph vns 63.7 Black silstone Brxx ± 30% sulph. Eggs	SELT		P2
						64.1 sp. gal-Aspy. spln. Massive, polymich volcanic/lithic breccia. Black silstone rip up, pumice + qtz xhls. Mod CO <sub>2</sub> weak ser alt.	Eggs	URLP	C352
						decreasing alteration			
70						73.1-73.2 Pussy fault. Broken core Pumice lithic alt. weak chl 74.1 Black silstone Eggs	URLM		O2
		FLA = 20°				76.0 eroded contact. Massive, polymich pumice lithic VC Brxx. silstone + pumice rip up. chl. alt. Massive qtz xhl	SELT		P2
		FLA = 20°					URLP		O2
80									

REMARKS

# GOLDFIELDS EXPLORATION

DRILL HOLE No. FTD 11

- |  |  |
|--|--|
|  Bedding       |  Disseminated  |
|  Cleavage     |  Massive      |
|  Foliation    |  Pervasive    |
|  Fault, Shear |  Narrow Vein  |
|  Breccia      |  Visible Gold |
|  Broken Core  |  |

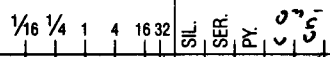
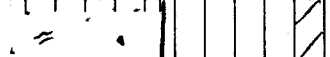




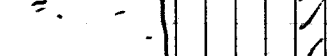




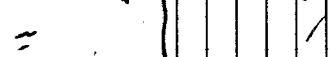
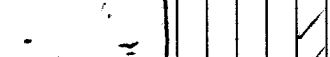
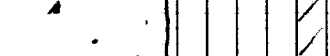
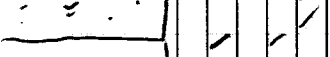



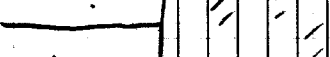




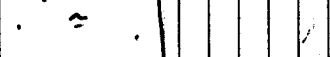
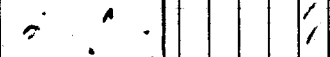


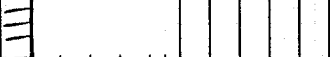
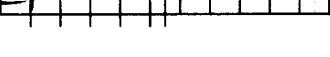
SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Fireclaw

PROSPECT :

DATE :

LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION				GEOLOGY NOTES	SUMMARY		
					SIL.	SER.	PY.	CO <sub>2</sub>		FORMATION	ROCK	ALTERATION
80	PREFIX											
90												
100												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
120												

100.2  
Massive pumice Brn+. Pale cream/green. Ser-10% alk. CO<sub>2</sub> - 1/2 vms ~ 5%. Trace (py-py) z Veins. Eggsi VRLP C232

105.4  
Eggsi VRLP 02

115.4-115.5 Eggsi Fault  
white rich bc siltstone. Disturbed bedding - minor py on top  
117-117.5 rich VC silt. pumiceous. Eggsi VRLP  
117.5 Black siltstone. Disrupted bedding. Eggsi S2L7 P2

REMARKS

# GOLDFIELDS EXPLORATION

DRILL HOLE No. F704

- |              |              |
|--------------|--------------|
| Bedding      | Disseminated |
| Cleavage     | Massive      |
| Foliation    | Pervasive    |
| Fault, Shear | Narrow Vein  |
| Breccia      | Visible Gold |
| Broken Core  |              |

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT :

PROSPECT :












DATE :

LOGGED BY : T. Collyer

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
120				1/16 1/4 1 4 16 32 SL SER. PY. CO <sub>2</sub>		120-2 graded, x-l with v. silt & v. silt v. silt Top. Eggls	VRM		01
		PCA ≈ 10°				122-7 Black, laminated siltstone. Disrupted bedding, essentially down dip gradational contact & v. siltstone. Eggls	SILT		
130		PCA = 20° to 35°				127 Pale cream, graded, laminated v. siltstone & minor sandy bases. weak CO <sub>2</sub> all. 5% CO <sub>2</sub> v. Eggls	VRM		022
		PCA = 30°				133-5 up rich mar flow Br. Eggls	VRM		
						136-8 Black siltstone. Laminated. Disrupted Bedding. Eggls	SILT		
140						139-7 EON			
REMARKS									

# GOLDFIELDS EXPLORATION

DRILL HOLE No. FTD12

	Bedding,		Disseminated
	Cleavage		Massive
	Foliation		Pervasive
	Fault, Shear		Narrow Vein
	Breccia		Visible Gold
	Broken Core		

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Firelower

PROSPECT :

DATE :

LOGGED BY :

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
0	PREFIX			1/16 1/4 1 16 32	SIL SER PY				
10		0.3m Recovery 11.4 0.1m Recovery 14.5 0.8m Recovery 17.7m 0.2m Recovery 19.3				No core recovery.  6.0 qtz-biotite porphyry, weathered ± limonite vns. Very poor core recovery to 45m. Deeply weathered zones lost.			
20		1.6m core Recovery 27.5 0.3m Recovery 30.0 90% Recovery 32.8 12m Recovery 34.3 10m Recovery 35.4				Shallow hole angle results in core loss when pumping down overshoot.			
30									
40									

REMARKS



# GOLDFIELDS EXPLORATION

DRILL HOLE No. FTD12

- |                |                |
|----------------|----------------|
| — Bedding      | Disseminated   |
| └ Cleavage     | Massive        |
| — Foliation    | Pervasive      |
| ~ Fault, Shear | Narrow Vein    |
| △△△ Breccia    | * Visible Gold |
| Broken Core    |                |

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Finchlow

PROSPECT :

DATE :

LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION					GEOLOGY NOTES	SUMMARY		
					OL	SER.	Py	K-Feld	Chl		FORMATION	ROCK	ALTERATION
40		Very poor Recovery	core										
50		Very poor Recovery. 1 spl.	49							45m Pink, k-feld alk? white rich siltstone. 5% qtz var. Egg6	UR4W		
60										47 Pumice-lithic vc Brx. Ash rich. Pervasive ser-carb-k-feld alk?? 5% py stock mark vns. Footwall pumice Brx?? Egg6	UR4f		SxKS
70		68-69m 0.7m Recovery minor outside fault.								52.2 Massive, qtz-xhl silt/greywacke. Pervasive chl. alk. Minor qtz-carb vns. Egg6	URQM		06
80		80-81m 0.7m Recovery minor outside fault.								71 Qtz xhl-lithic vc silt. Pervasive chl alk. Minor Patchy bleaching i alk and Carb-qtz vns. Egg6	URQM		06
		82-83m 0.7m Recovery								72.4 white rich vc siltstone, laminated. Coq alk + Verm Brx. minor sulphides. Egg6	URVF		08

REMARKS

# GOLDFIELDS EXPLORATION

DRILL HOLE No. F7012

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- △ Breccia
- ▨ Broken Core
- ▤ Disseminated
- Massive
- ▨ Pervasive
- ↘ Narrow Vein
- \* Visible Gold

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Firelower

PROSPECT :

DATE :







LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
80				1/16 1/4 1 4 16 32	SIL SER PY CO <sub>2</sub> CHL K-Feld				
83-84						84 gk xhl - lithic VC Brxx. Rhyolite + ssb clasts. gk xhl rich Pervasive CO <sub>2</sub> veining + alk	Eggcs	URLP	CS
87						Massive gk xhl - lithic VC Brxx. Rhyolite + ssb clasts. In gk xhl rich unaltered. Pervasive, weak chl. alb. M.Har CO <sub>2</sub> veining	Eggcs	URLP	01C1
96-2 to 96.2						limonite fault	FALT		
96.2						Massive, rhyolite lithic Brxx. Major Pumice clasts. Large rhyolite clasts. Pervasive ser - CO <sub>2</sub> alk. K-feld - Carb veins.	Eggci	URLP?	CS34
101.5						Massive, gk xhl - lithic VC Brxx. Dark grey - black chl alk. after Biotite?? 2-3% K-feld?? Vps. Large lthos, rhyolite.	Eggci	URLP	07K2
105.3						gk - lithic VC Brxx. CO <sub>2</sub> ser alk & K-feld vms.	Eggci	URLB	CS34
106.8						gk - lithic VC Brxx. Chl alk. after Biotite??	Eggci	URLB	07
111.8						ve ssb CO <sub>2</sub> alk.	Eggb	URLM	CS
112						fault	FALT		
113						VC ser CO <sub>2</sub> alk.	Eggb	URLM	CS
113.7						Black siltstone & minor laminated VC ssb	Eggbr	URLM	02
114						gk - xhl - pumice lithic VC ssb/greywacke. Chl alk.	Eggb	URLM	02
117.4-118						fault	FALT		
118						graded & laminated VC ssb/ssb. HW ssb sequence. weak chl alk.	Eggbr	URLM	02
122									

REMARKS

# GOLDFIELDS EXPLORATION

DRILL HOLE No F7D12

Bedding  Disseminated  
 Cleavage  Massive  
 Foliation  Pervasive  
 Fault Shear  Narrow Ve'  
 Breccia  Visible Gold  
 Broken Core 

SHEET \_\_\_\_\_ OF \_\_\_\_\_

PROJECT : Firelower

PROSPECT : \_\_\_\_\_

DATE : \_\_\_\_\_

LOGGED BY : T. Callaghan

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY			
							FORMATION	ROCK	ALTERATION	
20	PREFIX			<div><div><div>1/16</div><div>1/4</div><div>1</div><div>4</div><div>16</div><div>32</div></div><div><div>SIL</div><div>SER</div><div>PHY</div></div></div>						