EQUITY ENGINEERING LTD. — ROCK SAMPLE DESCRIPTIONS

SAMPLER: Chris Fozard — PROJECT: HHO 11 02

DATE: June 24 2011 — CLAIM: Haldane

Sample # I985958 — UTM: _____ E _____ N

Elevation _____ m / ft — Grid: _____ E _____ N

Type: (Float) Select Grab Chip Channel

Sample Width: _____ cm / m — True Width: _____ cm / m

Strike Length Exposed: _____ m — Overburden Pinches Faulted

Strike/Dip: ____ °/____ ° — Bedding Vein Fault Joint

Host Rock: quartzite

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI		
Alteration													
Intensity:													
	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT		
Metallics													
Percent:													
	AG	AZ	CC	CV	ER	(GE)	HE	JA	MC	(MN)	SM		
Secondaries						m				5			
Intensity:													

Comments: - first samples w/ Murray
- this one entered on toughbook.
- talus

Sample # I985959 — UTM: _____ N _____ E

Elevation _____ m / ft — Grid: _____ N _____ E

Type: (Float) Select Grab Chip Channel

Sample Width: _____ cm / m — True Width: _____ cm / m

Strike Length Exposed: _____ m — Overburden Pinches Faulted

Strike/Dip: ____ °/____ ° — Bedding Vein Fault Joint

Host Rock: qtzite → ore zone.

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI		
Alteration													
Intensity:													
	AS	BO	CP	(GL)	HS	MG	MO	PO	PY	SP	TT		
Metallics				2									
Percent:													
	AG	AZ	CC	CV	ER	(GE)	HE	JA	MC	(MN)	SM		
Secondaries						5				VS			
Intensity:													

Comments: - samples taken at Johnson Adit w/ Murray
- waypoint should be on GPS / computer.
- from workings / below adit.

EQUITY ENGINEERING LTD. — ROCK SAMPLE DESCRIPTIONS

SAMPLER: Chris GF — PROJECT: HA011-02

DATE: June 25 2011 — CLAIM: main zone

Sample # I 985960 — UTM: 0456951 E 7082852 N

Elevation 1305 (m) / ft — Grid: _____ E _____ N

Type: (Float) Select Grab Chip Channel

Sample Width: _____ cm / m — True Width: _____ cm / m

Strike Length Exposed: _____ m — Overburden Pinches Faulted

Strike/Dip: ____ °/ ____ °/ ____ — Bedding Vein Fault Joint

Host Rock: QRTZ

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI			
Alteration														
Intensity:														
Metallics	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT			
Percent:									20					
Secondaries	AG	AZ	CC	CV	ER	GE	HE	JA	MC	MN	SM			
Intensity:							M			W				

Comments: py pod w/ purple alt halo, v/ in friable quartzite host. -soft, argillic?

Sample # I 985961 — UTM: 0456958 N 7082896 E

Elevation 1315 (m) / ft — Grid: _____ N _____ E

Type: Float (Select) o/c Grab Chip Channel

Sample Width: _____ cm / m — True Width: _____ cm / m

Strike Length Exposed: _____ m — Overburden Pinches Faulted

Strike/Dip: 202 °/ 60 °/ W — Bedding Vein (Fault) Joint

Host Rock: Kena hill quartzite

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI			
Alteration														
Intensity:														
Metallics	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT			
Percent:														
Secondaries	AG	AZ	CC	CV	ER	GE	HE	JA	MC	MN	SM			
Intensity:														

Comments: vuggy qtz vein material w/ Mn ox stain, colliform, & org goethite. -sits above Alt scarp.

EQUITY ENGINEERING LTD.

ROCK SAMPLE DESCRIPTIONS

SAMPLER: Chris G F.
DATE: June 25 2011
PROJECT: HA011-02
CLAIM: Haldane / Main Zn

Sample # I985962 UTM: 0456946 E 7082893 N
Elevation 1287 (m) / ft Grid: _____ E _____ N
Type: Float Select (Grab) o/c (Chip) Channel
Sample Width: 4 m cm / m True Width: 20-30 cm cm / m
Strike Length Exposed: 15 m m Overburden Pinches Faulted
Strike/Dip: 202 °/ 60 °/ W Bedding Vein (Fault) Joint
Host Rock: _____

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI	
Alteration												clay
Intensity:	—	—	—	—	—	—	—	—	—	—	—	m

	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT	
Metallics												
Percent:	—	—	—	—	—	—	—	—	—	—	—	—

	AG	AZ	CC	CV	ER	GE	HE	JA	MC	MN	SM	
Secondaries										(MN)		
Intensity:	—	—	—	—	—	—	—	—	—	m	—	—

Comments: off white - org ox zone of clay min // to fault surface, relatively thin veneer of Mn ox interlayered, shows slicken sides, polish.

Sample # I985963 UTM: 457004 N 7083000 E
Elevation 1337 m m / ft Grid: _____ N _____ E
Type: (Float) Select Grab Chip Channel
Sample Width: _____ cm / m True Width: _____ cm / m
Strike Length Exposed: _____ m Overburden Pinches Faulted
Strike/Dip: _____ °/ _____ °/ _____ Bedding Vein Fault Joint
Host Rock: qtzite

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI		
Alteration												—	—
Intensity:	—	—	—	—	—	—	—	—	—	—	—	—	—

	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT			
Metallics												—	—	—
Percent:	—	—	—	—	—	—	—	—	—	—	—	—	—	—

	AG	AZ	CC	CV	ER	GE	HE	JA	MC	MN	SM		
Secondaries										(MN)		—	—
Intensity:	—		—	—	—	—		—	—	VS		—	—

Comments: ~ pure manganese oxide, botryoidal vein growth.

EQUITY ENGINEERING LTD. — ROCK SAMPLE DESCRIPTIONS

SAMPLER: CG Fozard — PROJECT: HAO 11-02
DATE: Jun 25 2011 — CLAIM: Haldane

Sample # I985964 UTM: 457010 E 7082988 N
Elevation 1343m m / ft Grid: _____ E _____ N
Type: Float Select Grab Chip Channel
Sample Width: _____ cm / m True Width: _____ cm / m
Strike Length Exposed: _____ m Overburden Pinches Faulted
Strike/Dip: 202 / 72 / W Bedding Vein (Fault) Joint
Host Rock: _____

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI			
Alteration														
Intensity:														

	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT			
Metallics														
Percent:														

	AG	AZ	CC	CV	ER	GE	HE	JA	MC	MN	SM			
Secondaries														
Intensity:										m				

Comments: part of fault breccia on E edge of zone
- ~ furthest pt of min - against footwall.

June 26 '11

Sample # I985965 UTM: 456282 N 7081898 E
Elevation 1284 m/ ft Grid: _____ N _____ E
Type: (Float) Select Grab Chip Channel
Sample Width: _____ cm / m True Width: _____ cm / m
Strike Length Exposed: _____ m Overburden Pinches Faulted
Strike/Dip: _____ / _____ / Bedding (Vein sampled) Fault Joint
Host Rock: schist overlying KH qtzite

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI			
Alteration														
Intensity:														

	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT			
Metallics														
Percent:														

	AG	AZ	CC	CV	ER	GE	HE	JA	MC	MN	SM			
Secondaries										(MN)				
Intensity:										w				

Comments: gossanous qV w/ minor oxides & thin Mn varnish on frac
~ // to foliation

EQUITY ENGINEERING LTD. — ROCK SAMPLE DESCRIPTIONS

SAMPLER: CG Fotard — PROJECT: HA01-02

DATE: June 26 2011 — CLAIM: Haldane

Sample # I985966 UTM: 456030 E 7081900 N

Elevation 1370 m m / ft Grid: _____ E _____ N

Type: Float Select (Grab) Chip Channel

Sample Width: _____ cm / m True Width: _____ cm / m

Strike Length Exposed: _____ m Overburden Pinches Faulted

Strike/Dip: ____°/____° Bedding (Vein) Fault Joint

Host Rock: schist (Sampled)

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI		
Alteration													
Intensity:													

	AS	BO	CP	GL	HS	MG	MO	PO	(PY)?	SP	TT		
Metallics													
Percent:						goethite							

	AG	AZ	CC	CV	ER	(GE)	HE	JA	MC	(MN)	SM			
Secondaries														
Intensity:						m				w				

Comments: rusty patch visible from other side
- Py rich schist, // or crosscutting veins in this section, Mn & Fe oxide stains
- sub/crop sample.

June 27

Sample # I985967 UTM: 456754 N 7083114 E

Elevation 1264 m m / ft Grid: _____ N _____ E

Type: (Float) Select Grab Chip Channel

Sample Width: _____ cm / m True Width: _____ cm / m

Strike Length Exposed: _____ m Overburden Pinches Faulted

Strike/Dip: ____°/____° Bedding Vein Fault Joint

Host Rock: quartzite → phyllitic layer sample

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI		
Alteration													
Intensity:													

	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT		
Metallics													
Percent:													

	AG	AZ	CC	CV	ER	GE	HE	JA	MC	MN	SM			
Secondaries											oxide			
Intensity:											s			

Comments: host here has fol // oxide penetration & bleaching similar to Main Zn area over yonder - this is along lineament ~135° which is spied from other slope - extra HS's taken to sholi cont veins, alt, & folding.

EQUITY ENGINEERING LTD. — ROCK SAMPLE DESCRIPTIONS

SAMPLER: Chris Fozard — PROJECT: HAO 11-02

DATE: June 27 2011 — CLAIM: Haldane

Sample # I985968 — UTM: 456751 E 7083118 N

Elevation 1267 m m / ft — Grid: _____ E _____ N

Type: (Float) Select Grab Chip Channel

Sample Width: _____ cm / m — True Width: _____ cm / m

Strike Length Exposed: _____ m — Overburden Pinches Faulted

Strike/Dip: ____°/____° — Bedding Vein Fault Joint

Host Rock: qtzite (as sample)

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI			
Alteration														
Intensity:														

	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT			
Metallics														
Percent:							↑							

	AG	AZ	CC	CV	ER	GE	HE	JA	MC	MN	SM			
Secondaries														
Intensity:						s	m			m				

Comments: only 5 m from last sample
-composite sample of 3 similar cobbles from 5m circle/area -walking into zone from side
So structure is ~N/S, this would be where it lays.

Sample # I985969 — UTM: 456746 N 7083122 E

Elevation 1258 m m / ft — Grid: _____ N _____ E

Type: (Float) Select Grab Chip Channel

Sample Width: _____ cm / m — True Width: _____ cm / m

Strike Length Exposed: _____ m — Overburden Pinches Faulted

Strike/Dip: ____°/____° — Bedding Vein Fault Joint

Host Rock: qtzite → vein material

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI			
Alteration														
Intensity:														

	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT			
Metallics														
Percent:														

	AG	AZ	CC	CV	ER	GE	HE	JA	MC	MN	SM			
Secondaries														
Intensity:						m				m				

Comments: vuggy vein material w/ Mn oxy goethite -hints of ox sulphide
-graphitic phyllite, good sign?
-5 m from "68"

EQUITY ENGINEERING LTD.

ROCK SAMPLE DESCRIPTIONS

SAMPLER: Chris Fozard
DATE: June 27 2011
PROJECT: 1110 1102
CLAIM: Haldane

Sample # I985970 UTM: 456978 E 7083346 N
Elevation 1384 m / ft Grid: _____ E _____ N
Type: (Float) Select Grab Chip Channel
Sample Width: _____ cm / m True Width: _____ cm / m
Strike Length Exposed: _____ m Overburden Pinches Faulted
Strike/Dip: _____ / _____ Bedding Vein Fault Joint
Host Rock: qtzite - qtz vein sample

Alteration	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI			
Intensity:														
Metallics	AS	BO	CP	GL	HS	MG	MO	PO	(PY)?	SP	TT	oxidized		
Percent:									2					
Secondaries	AG	AZ	CC	CV	ER	(GE)	HE	JA	MC	MN	SM			
Intensity:						m								

Comments: highly gossanous qv, dark org/md
- hints of ox sulphides
- from near top of ridge, likely in line w/ eroded lineament which cuts qtzite; across gully from main zone.

JUNE 28

Sample # I985971 UTM: 457305 N 7083458 E
Elevation 1456 m / ft Grid: _____ N _____ E
Type: (Float) Select Grab Chip Channel
Sample Width: _____ cm / m True Width: _____ cm / m
Strike Length Exposed: _____ m Overburden Pinches Faulted
Strike/Dip: _____ / _____ Bedding Vein Fault Joint
Host Rock: quartzite

Alteration	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI			
Intensity:										ox				
Metallics	AS	BO	CP	GL	HS	MG	MO	PO	(PY)	SP	TT			
Percent:									2-3					
Secondaries	AG	AZ	CC	CV	ER	(GE)	HE	JA	MC	(MN)	SM			
Intensity:						m				w				

Comments: - from road on top of ridge
- gossanous sediment, w/ rusted py throughout
- sulphide is more pervasive than normal
- ~3 small cobbles

EQUITY ENGINEERING LTD. — ROCK SAMPLE DESCRIPTIONS

SAMPLER: Chris Fozard — PROJECT: HAO 11-02
DATE: June 28 2011 — CLAIM: Haldane

Sample # I985972 — UTM: 458166 E 7082917 N
Elevation 1426 m / ft — Grid: _____ E _____ N
Type: (Float) Select Grab Chip Channel
Sample Width: _____ cm / m — True Width: _____ cm / m
Strike Length Exposed: _____ m — Overburden Pinches Faulted
Strike/Dip: ____°/____° — Bedding Vein Fault Joint
Host Rock: _____

Alteration	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI			
Intensity:														
Metallics	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT			
Percent:														
Secondaries	AG	AZ	CC	CV	ER	GE	HE	JA	MC	MN	SM			
Intensity:														

Comments: -appears to be alt qtzite w/ vein? -soft & clay alt

Sample # I985973 — UTM: 458189 N 7082890 E
Elevation 1427 (m) / ft — Grid: _____ N _____ E
Type: (Float) Select Grab Chip Channel
Sample Width: _____ cm / m — True Width: _____ cm / m
Strike Length Exposed: _____ m — Overburden Pinches Faulted
Strike/Dip: ____°/____° — Bedding Vein Fault Joint
Host Rock: qtzite

Alteration	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI			
Intensity:														
Metallics	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT			
Percent:														
Secondaries	AG	AZ	CC	CV	ER	GE	HE	JA	MC	MN	SM			
Intensity:														

Comments: -large cleft in cliff above
-also found chunk of grey qtzite w/ fresh py within - 3-4%; and another rusted cobble (extra bag (b) of samples)

EQUITY ENGINEERING LTD. — ROCK SAMPLE DESCRIPTIONS

SAMPLER: Chris Fozard — PROJECT: HAO 1102
DATE: June 28 2004 — CLAIM: Haldane

Sample # I985974 — UTM: 458534 E 7082538 N
Elevation 1443m m / ft — Grid: ____ E ____ N
Type: (Float) Select Grab Chip Channel
Sample Width: ____ cm / m — True Width: ____ cm / m
Strike Length Exposed: ____ m — Overburden Pinches Faulted
Strike/Dip: ____ / ____ — Bedding Vein Fault Joint
Host Rock: qtzite - sample of vein material?

Alteration	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI			
Intensity:														
Metallics	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT			
Percent:														
Secondaries	AG	AZ	CC	CV	ER	GE	HE	JA	MC	MN	SM			
Intensity:														

Comments: - oxidized rusty appearance * - rock photos.
- in small creek drainage
~70 - 75 m N of Strebchuk [waypoint]
- bag (b) of extras, incl gossanous gabbro (some earlier samples ??, could be this)

Sample # I985975 — UTM: 458591 N 7082490 E
Elevation 1440 (m) / ft — Grid: ____ N ____ E
Type: (Float) Select Grab Chip Channel
Sample Width: ____ cm / m — True Width: ____ cm / m
Strike Length Exposed: ____ m — Overburden Pinches Faulted
Strike/Dip: ____ / ____ — Bedding Vein Fault Joint
Host Rock: qtzite ?

Alteration	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI			
Intensity:														
Metallics	AS	BO	CP	GL	HS	MG	MO	PO	(PY) ?	SP	TT			
Percent:														
Secondaries	AG	AZ	CC	CV	ER	(GE)	(HE) ?	JA	MC	MN	SM			
Intensity:														

Comments: - siliceous material, rusted sulphide
- fairly dense for vein (though looks like foliaform)

EQUITY ENGINEERING LTD.

ROCK SAMPLE DESCRIPTIONS

SAMPLER: Chris Fozard
DATE: June 28 2011

PROJECT: HAO 11-02
CLAIM: Haldane.

Sample # I 985976 UTM: 458569 E 7082440 N
Elevation 1460m m / ft Grid: _____ E _____ N
Type: (Float) Select Grab Chip Channel
Sample Width: _____ cm / m True Width: _____ cm / m
Strike Length Exposed: _____ m Overburden Pinches Faulted
Strike/Dip: _____ / _____ Bedding Vein Fault Joint
Host Rock: _____

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI	clay?		
Alteration														
Intensity:	—	—	—	m	—	—	—	—	—	—	—	m	—	—
Metallics	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT	—	—	—
Percent:	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Secondaries	AG	AZ	CC	CV	ER	GE	HE	JA	MC	(MN)	SM	—	—	—
Intensity:	—	—	—	—	—	—	—	—	—	L	—	—	—	—

Comments: - appears to be gabbro w/ clay alt phenos & slight Mn oxide visible

Sample # I 985977 UTM: 457080 N 7083256 E
Elevation 1386 m / ft Grid: _____ N _____ E
Type: (Float) Select Grab Chip Channel
Sample Width: _____ cm / m True Width: _____ cm / m
Strike Length Exposed: _____ m Overburden Pinches Faulted
Strike/Dip: _____ / _____ Bedding Vein Fault Joint
Host Rock: quartzite

	BI	CA	CB	CL	CY	DO	EP	MR	MS	QZ	SI	—	—	—
Alteration														
Intensity:	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metallics	AS	BO	CP	GL	HS	MG	MO	PO	PY	SP	TT	—	—	—
Percent:	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Secondaries	AG	AZ	CC	CV	ER	GE	HE	JA	MC	(MN)	SM	—	—	—
Intensity:	—	—	—	—	—	—	—	—	—	S	—	—	—	—

Comments: - large block of stockwork qtz
- Mn oxide shoots out qtzite & qtz veins, potentially later vein as well
- found on steep hillside below workings.