

## EQUITY ENGINEERING LTD.

## ROCK SAMPLE DESCRIPTIONS

SAMPLER: MJSPROJECT: HA011-52DATE: 9/09/11CLAIM: HALDANESample # 4558051 UTM: 456785 E 7082197 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: QRTZ

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

Intensity: \_\_\_\_\_ W W W

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: 1x d / trace QRTZ, abnd MN, <sup>M</sup> <sup>S</sup> in flowand br, CE primarily in br, crosscutting br zone- 3 m up to top of br- orange/pink fogging

Sample # \_\_\_\_\_ 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: \_\_\_\_\_

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: \_\_\_\_\_

Sampler MJS  
Date 2/10/11

Project H40/1-02  
Claim RUSS? FARA

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Sample K591601 Location: \_\_\_\_\_ N \_\_\_\_\_ E  
Elev \_\_\_\_\_ m/ft 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  
Sampled Material: Lithogeo Altn Vein Stockwk Skarn MassSul Breccia  
Host Rock: gray to tan PHYL  
Alteration: BI CA CB CL CY DO EP KF MR MS QZ SI \_\_\_\_\_  
Intensity \_\_\_\_\_ W \_\_\_\_\_ W 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 \_\_\_\_\_  
Comments: many small veins for n - later vein?  
- build QZ? xtal's locally, white

W.P. K591601

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Sample K591602 Location: \_\_\_\_\_ N \_\_\_\_\_ E  
Elev \_\_\_\_\_ m/ft 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  
Sampled Material: Lithogeo Altn Vein Stockwk Skarn MassSul Breccia  
Host Rock: GSCHS/PHYL  
Alteration: BI CA CB CL CY DO EP KF MR MS QZ SI \_\_\_\_\_  
Intensity \_\_\_\_\_ M \_\_\_\_\_ 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 \_\_\_\_\_  
Comments: quartz white mx QZ w/ CB as pods, lenses,  
wrapping through - locally deformed  
W.P. 602

QUANTITY ENGINEERING LTD.

ROCK SAMPLE DESCRIPTION

Sampler M. J.  
Date 21/06/01

Project H4011-02  
Claim FARA

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Sample # K591603 Location: 7080462N 455557E  
Elev. \_\_\_\_\_ m/ft 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  
Sampled Material: Lithogeo Altn Vein Stockwk Skarn MassSul Breccia  
Host Rock: SNS/PHYC

Alteration: BI CA CB CL CY DO EP KF MR MS QZ SI \_\_\_\_\_  
Intensity \_\_\_\_\_ N \_\_\_\_\_ N W \_\_\_\_\_  
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 \_\_\_\_\_ N W \_\_\_\_\_ ?

Comments: looks like a cross between 601 + 602  
- subparallel to parallel Rn  
- HE Gc as pads, in fractures, MN?  
WP ± 603 ± 5

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Sample # \_\_\_\_\_ Location: \_\_\_\_\_ N \_\_\_\_\_ E  
Elev. \_\_\_\_\_ m/ft 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  
Sampled Material: Lithogeo Altn Vein Stockwk Skarn MassSul Breccia  
Host Rock: \_\_\_\_\_

Alteration: BI CA CB CL CY DO EP KF 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: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## EQUITY ENGINEERING LTD.

## ROCK SAMPLE DESCRIPTIONS

Sampler MJSProject HA011-C2Date 24/06/11

Claim \_\_\_\_\_

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Sample #K591604 Location: 456619 N 708077 #3

Elev \_\_\_\_\_ m/ft 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

Sampled Material: Lithogeo Altn Vein Stockwk Skarn MassSul breccia

Host Rock: QRZT / Dior?

Alteration: BI CA CB CL CY DO EP KF MR MS QZ SI \_\_\_\_\_

Intensity \_\_\_\_\_ W \_\_\_\_\_ M S \_\_\_\_\_

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 \_\_\_\_\_ M \_\_\_\_\_ S \_\_\_\_\_

Comments: bx of vuggy QZ, altn QRZT, Dior  
altn MN-Skarn used  
- at lower Adit dump

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Sample K591605-L Location: 455629 N 7082079 #4

Elev \_\_\_\_\_ m/ft 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

Sampled Material: Lithogeo Altn Vein Stockwk Skarn MassSul breccia

Host Rock: QRZT

Alteration: BI CA CB CL CY DO EP KF MR MS QZ SI \_\_\_\_\_

Intensity \_\_\_\_\_ W W \_\_\_\_\_ S M M \_\_\_\_\_

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

Percent \_\_\_\_\_ 25 \_\_\_\_\_ 2-3 \_\_\_\_\_ %

Secondaries: AG AZ CC CV ER GE HE JA MC MN SM \_\_\_\_\_

Intensity \_\_\_\_\_ M \_\_\_\_\_ W \_\_\_\_\_ M \_\_\_\_\_

Comments: at Hel pad n lower adit dump

EQUITY ENGINEERING LTD.

ROCK SAMPLE DESCRIPTIONS

Sampler MJS  
Date 25/06/11

Project HAD11-02  
Claim KALDAR

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Sample # K591611 Location: 7082857 456953 E 3  
Elev \_\_\_\_\_ m/ft 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  
Sampled Material: Lithogeo Altn Vein Stockwk Skarn MassSul Breccia  
Host Rock: PHYL / QRTZ  
Alteration: BI CA CB CL CY DO EP KF MR MS QZ SI \_\_\_\_\_  
Intensity \_\_\_\_\_ W M \_\_\_\_\_ M \_\_\_\_\_  
Metallics: AS BO CP GL HS MG MO PO PY SP TT \_\_\_\_\_  
Percent \_\_\_\_\_ tr \_\_\_\_\_ %  
Secondaries: AG AZ CC CV ER GE HE JA MC MN SM \_\_\_\_\_  
Intensity \_\_\_\_\_ M \_\_\_\_\_ W \_\_\_\_\_  
Comments: - Vugy QZ vein caught up in Main  
shov - little phyllite unit present

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Sample # K591612 Location: 7082871 456934 E  
Elev \_\_\_\_\_ m/ft Type: Float Select Grab Chip Channel  
Sample Width: 35 cm/m True Width: 3 cm/m  
Strike Length Exposed: \_\_\_\_\_ m Overburden Pinches Faulted  
Strike/Dip: \_\_\_\_\_ °/ \_\_\_\_\_ ° Bedding Vein Fault Joint  
Sampled Material: Lithogeo Altn Vein Stockwk Skarn MassSul Breccia  
Host Rock: FAULT BX DIOR, QRTZ  
Alteration: BI CA CB CL CY DO EP KF MR MS QZ SI \_\_\_\_\_  
Intensity \_\_\_\_\_ S W \_\_\_\_\_ W 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 \_\_\_\_\_ S ? \_\_\_\_\_ S \_\_\_\_\_  
Comments: bx w/ heavy MN, vugy QZ, and GL  
- strange brassy coloured soft mineral in pod - smears  
on your finger - ?? alabaster? nativity?

Sampler MJSProject H401-02Date 25/04/11

Claim \_\_\_\_\_

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Sample #K591613 Location: 7082875 N 456938 EElev \_\_\_\_\_ m/ft Type: Float Select Grab Chip ChannelSample Width: 20 cm/m True Width: 20.3 cm/mStrike Length Exposed: 20 m Overburden Pinches FaultedStrike/Dip: 306 °/ 84 ° Bedding Vein Fault JointSampled Material: Lithogeo Altin Vein Stockwk Skarn MassSul BrecciaHost Rock: FAULT ZONE - Dior/GREY

Alteration: BI CA CB CL CY DO EP KF MR MS QZ SI \_\_\_\_\_

Intensity \_\_\_\_\_ tr \_\_\_\_\_ W 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 \_\_\_\_\_ W \_\_\_\_\_ S \_\_\_\_\_Comments: - MN - BX - on perpendicular fault surface

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Sample #591614 Location: 7082988 N 456994 EElev \_\_\_\_\_ m/ft 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

Sampled Material: Lithogeo Altin Vein Stockwk Skarn MassSul Breccia

Host Rock: Bx

Alteration: BI CA CB CL CY DO EP KF 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: \_\_\_\_\_

### BOOK FAMILY DESCRIPTIONS

Project HA011-02

**Claim** \_\_\_\_\_

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Sample # \_\_\_\_\_ Location: \_\_\_\_\_ N \_\_\_\_\_ E \_\_\_\_\_

Elev \_\_\_\_\_ m/ft      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

Sampled Material:    Lithogeo    Altn    Vein    Stockwk    Skarn    MassSul    Breccia

Host Rock: \_\_\_\_\_

Alteration:    BI    CA    CB    CL    CY    DO    EP    KF    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: \_\_\_\_\_

\_\_\_\_\_

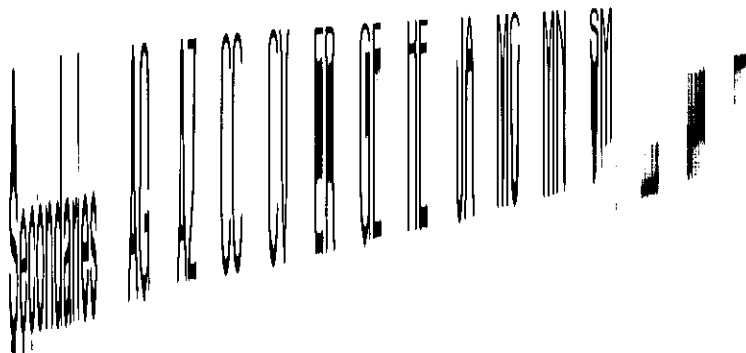
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## EQUITY ENGINEERING LTD.

## ROCK SAMPLE DESCRIPTIONS

SAMPLER: MIS PROJECT: HA011-02  
 DATE: 26/06/11 CLAIM: \_\_\_\_\_

Sample # K591616 UTM: 4554.7 E 7081823 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: PHYL  
 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: \_\_\_\_\_



Intensity: \_\_\_\_\_

Comments: undrained irregular vein - foliation

Sample # K591617 UTM: 7081874 N 455387 E  
 Elevation \_\_\_\_\_ m / ft Grid: \_\_\_\_\_ N \_\_\_\_\_ E  
 Type: Float Select Grab Chip Channel  
 Sample Width: 15 cm (m) True Width: 2 cm (m)  
 Strike Length Exposed: 2100 m Overburden Pinches Faulted  
 Strike/Dip: 160 % / ? % Bedding Vein Fault Joint  
 Host Rock: PHYL  
 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: Fault striking 160 CB filled with  
Do not ex tension to Koll zone 1-2 m wide  
is very continuous - pers. w dip



## EQUITY ENGINEERING LTD.

## ROCK SAMPLE DESCRIPTIONS

SAMPLE#:

M15

PROJECT:

HA011-02

DATE:

June 27, 2011

CLAIM:

HOLDING

Sample # K591618

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:

Alteration

BI

CA

CB

CL

CY

DO

EP

MR

MS

QZ

SI

Intensity:

W

W

W

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:

M-3

ty

Comments: DDH HA011-02 - 82.6m to 83.40m - fault zone - fault zone - clay gouge and rock fragments - 1st brown orange carbon - mal green, for a Dior? - blue bits.

- S.G.E. bottom 10 cm

- very minor MN locally

Sample # K591619

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:

Alteration

BI

CA

CB

CL

CY

DO

EP

MR

MS

QZ

SI

Intensity:

S

M

W

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: DDH HA010-02 - from 122.50 m to 122.75 m, fault zone - black clay gouge w/ QZT fragments.

## EQUITY ENGINEERING LTD

## ROCK SAMPLE DESCRIPTIONS

SAMPLER: MLPROJECT: HAD11-02DATE: June 28, 2011

CLAIM: \_\_\_\_\_

Sample # K591620 UTM: 456614 E 7081986 N

Elevation \_\_\_\_\_ m / ft Grid: \_\_\_\_\_ E \_\_\_\_\_ N

Type: Float Select Grab Chip ChannelSample Width: 25 cm / m True Width: \_\_\_\_\_ cm / m

Strike Length Exposed: \_\_\_\_\_ m Overburden Pinches Faulted

Strike/Dip: \_\_\_\_\_ % / \_\_\_\_\_ % Bedding Vein bx Fault JointHost Rock: QRET

Alteration BI CA CB CL CY DO EP MR MS OZ SI \_\_\_\_\_

Intensity: \_\_\_\_\_ W M \_\_\_\_\_

Metallics AS BO CP GL HS MG MO PO PY SP TT \_\_\_\_\_

Percent: 3 \_\_\_\_\_

Secondaries AG AZ CC CV ER GE HE JA MC MN SM \_\_\_\_\_

Intensity: \_\_\_\_\_ S \_\_\_\_\_ SComments: moderate(?) grade sample from middle editpods, seams of GL in bx matrix

Sample # \_\_\_\_\_ 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: \_\_\_\_\_

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: \_\_\_\_\_