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**Rock Sample Descriptions**Property: Mt Hinton

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Sample Number: W591384 UTM: 496135 mE Nad83, Zone 8

Elevation: 1443 m UTM: 7081063 mN

Comments: talus/boulderfield. Float.

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Sample Number: W591385 UTM: 496122 mE Nad83, Zone 8

Elevation: 1464 m UTM: 7080957 mN

Comments: qtz, limonite weathering? Float in talus/boulderfield. Hollow sof thunk when hammering, pyrite cubes wx'ed out? Blk mineral.

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Sample Number: W591386 UTM: 495796 mE Nad83, Zone 8

Elevation: 1388 m UTM: 7080200 mN

Comments: qtz, pitted, limonite weathering? 328 degree True north rough orientation.

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Sample Number: W591387 UTM: 494898 mE Nad83, Zone 8

Elevation: 1504 m UTM: 7082048 mN

Comments: basketball sized qtz boulder below soil sample location dug out of small hand pit.

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Sample Number: W591388 UTM: 494598 mE Nad83, Zone 8

Elevation: 1561 m UTM: 7082138 mN

Comments: possible subcrop, extension off the main qtz vein. Arsenopyrite mineralization.

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Sample Number: W591389 UTM: 494590 mE Nad83, Zone 8

Elevation: 1562 m UTM: 7082144 mN

Comments: qtz vein, arsenopyrite mineralization.

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Sample Number: W591390 UTM: 494592 mE Nad83, Zone 8

Elevation: 1565 m UTM: 7082150 mN

Comments: qtz vein. Rusty weathered out pits

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**Rock Sample Descriptions**

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Property: Mt Hinton

Sample Number: W591391 UTM: 494594 mE Nad83, Zone 8

Elevation: 1551 m UTM: 7082237 mN

Comments: qtz boulder in valley drainage near mineralized vein (lower elevation)

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Sample Number: W591818 UTM: 494396 mE Nad83, Zone 8

Elevation: 1778 m UTM: 7083127 mN

Comments: Rusty weathered quartz vein within interlayered quartzite and carb phyllite, vein is ~20-30 cm thick, not completely in place trending ~ 020 vertical, hematite stained, vuggy with thin wallrock frags

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Sample Number: W591820 UTM: 496089 mE Nad83, Zone 8

Elevation: 1391 m UTM: 7082001 mN

Comments: 30 x 15 cm angular to subrounded quartz vein boulder, abundant aspy, scorodite +/- galena, seams of aspy up to 2 cm through vein

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Sample Number: W591821 UTM: 496084 mE Nad83, Zone 8

Elevation: 1388 m UTM: 7081992 mN

Comments: Rusty weathered banded quartz vein with thin gabbro inclusions, limonitic staining on fractures in vein, minor disseminated aspy

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Sample Number: W591822 UTM: 494525 mE Nad83, Zone 8

Elevation: 1566 m UTM: 7082155 mN

Comments: Yellowish to rusty weathered quartz vein, with blebs and stringers of aspy + py, some scorodite +/- galena

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Sample Number: W591823 UTM: 494538 mE Nad83, Zone 8

Elevation: 1569 m UTM: 7082161 mN

Comments: Rusty weathered quartz vein, grey black patches of inge-grained material (sulphosalts?) +/- aspy; wallrock inclusions with sericite

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**Rock Sample Descriptions**Property: Mt Hinton

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Sample Number: W591824 UTM: 494522 mE Nad83, Zone 8

Elevation: 1566 m UTM: 7082155 mN

Comments: Coarse-grained white weathered quartz vein, grey altered wall rock inclusions throughout, 1-3 cm long limonitic zones, minor aspy, py

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Sample Number: W591825 UTM: 494528 mE Nad83, Zone 8

Elevation: 1568 m UTM: 7082171 mN

Comments: Partially rusty weathered quartz vein with blebs and minor stringers of aspy, vuggy texture with many vugs lined with aspy?

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Sample Number: W591826 UTM: 494526 mE Nad83, Zone 8

Elevation: 1568 m UTM: 7082169 mN

Comments: Rusty weathered, light grey quartz vein with abundant disseminated aspy, +/- py cut by stockwork like white quartz veins with very minor fine-grained sulphide aspy?

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Sample Number: W591827 UTM: 494524 mE Nad83, Zone 8

Elevation: 1566 m UTM: 7082182 mN

Comments: Slightly orange/white weathered quartz vein, limonitic and goethitic staining on fractures, vuggy with vugs coated with limonite and goethite

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Sample Number: W591828 UTM: 494521 mE Nad83, Zone 8

Elevation: 1575 m UTM: 7082168 mN

Comments: White weathered quartz with slightly rusty patches, blebs and minor stringers of aspy +/- py; blebs up to 1 cm, fractures coated with limonite or aspy

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Sample Number: W591861 UTM: 496874 mE Nad83, Zone 8

Elevation: 1359 m UTM: 7080531 mN

Comments: Specimen sample from the placer cut immediately above the cut that we think the large nuggets from 2016 were taken from. Specimen of 10x10x20 cm. Rusty, limonitic gabbro. All minerals replaced, except the quartz.

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**Rock Sample Descriptions**Property: Mt Hinton

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Sample Number: W591862 UTM: 495468 mE Nad83, Zone 8  
Elevation: 1600 m UTM: 7081234 mN

Comments: Talus float, close to source (likely from immediately below the gabbro outcrop above). Angular orange, altered quartz carbonate vein with abundant limonite and bands of fine grained grey sulphides. Foliation/vein orientation is 135/20 S.

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Sample Number: W591863 UTM: 495108 mE Nad83, Zone 8  
Elevation: 1818 m UTM: 7081058 mN

Comments: The money shot vein!!! Grab sample from subcrop below the #12 vein. Scorodite, galena, arsenopyrite, very fine grained grey sulphides/sulphasalt matrix. Well formed quartz crystal in centre of brecciated vein. Brecciated sulphide clasts. A nice specimen kept for display purposes.

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Sample Number: W591864 UTM: 495107 mE Nad83, Zone 8  
Elevation: 1822 m UTM: 7081060 mN

Comments: BEDROCK! 35 cm chip sample across the footwall of a large vein trending 040/80E. Quartz 80% with 20% sulphides (galena and arsenopyrite) with scorodite stail. Footwall side of vein dissappears below talus. Footwall rocks are graphitic/carbonaceous phyllite. \* 3 continuous chip samples W591864, W591865, W591866. Both W591864 and W591866 are very well mineralized.\*

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Sample Number: W591865 UTM: 495108 mE Nad83, Zone 8  
Elevation: 1822 m UTM: 7081059 mN

Comments: BEDROCK! 1.4 m continuous chip sample across the central part of the #12 vein. White quartz vein with orange-red oxidized surface. <2% arsenopyrite in fine bands with weak scorodite staining. Vein here is 085/40S - See Steve's notes re: enechelon vein orientation and why it goes from 040/80E to 085/40S.

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Sample Number: W591866 UTM: 495104 mE Nad83, Zone 8  
Elevation: 1818 m UTM: 7081053 mN

Comments: BEDROCK!!! 20 cm chip sample on the hanging wall side of the vein. Scorodite and arsenopyrite-rich quartz vein adjacent to phyllite. Apparentl sinistral movement along vein fault.

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**Rock Sample Descriptions**

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Property: Mt Hinton

Sample Number: W591867 UTM: 495863 mE Nad83, Zone 8  
Elevation: 1435 m UTM: 7082350 mN

Comments: Outcrop sample 6x10x10 cm dark grey quartzite with 3 cm quartz vein with residual sulphides - arsenopyrite? Part of foliation parallel quartz vein system in the bottom of a creek. Muscovite flakes in the vein. Foliation 144/40S.

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Sample Number: W591868 UTM: 495864 mE Nad83, Zone 8  
Elevation: 1446 m UTM: 7082471 mN

Comments: Subcrop sample adjacent to waterfall. 10 cm wide quartz vein with manganese wad and limonite.

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Sample Number: W591869 UTM: 495718 mE Nad83, Zone 8  
Elevation: 1466 m UTM: 7082443 mN

Comments: Boulder in vegetated area. 0.5x1.0x1.0 m white quartz with hackled surface. Deep orange-red limonite after tetrahedrite? Lots have triangle shape. 2% galena crystals with rare anglesite.

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Sample Number: W591870 UTM: 495588 mE Nad83, Zone 8  
Elevation: 1486 m UTM: 7082553 mN

Comments: Float trapped between large unaltered gabbro boulders. Rusty oxidized surface, white to cream sugary quartz that is gradational from the quartzite. Some clay minerals? Disseminated and banded arsenopyrite throughout (5%). Locally rare rock type.

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Sample Number: W591871 UTM: 495478 mE Nad83, Zone 8  
Elevation: 1501 m UTM: 7082699 mN

Comments: Float sample from talus-flat area. Rusty orange quartz vein with patchy arsenopyrite and tetrahedrite masses 1 cm pits throughout.

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Sample Number: W591872 UTM: 495296 mE Nad83, Zone 8  
Elevation: 1538 m UTM: 7082723 mN

Comments: Specimen sample from talus. Rusty weathering, orange quartz vein with 1 cm band of goethite and pits where sulphides once were(?).

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**Rock Sample Descriptions**Property: Mt Hinton

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Sample Number: W591873 UTM: 495137 mE Nad83, Zone 8

Elevation: 1584 m UTM: 7082517 mN

Comments: Outcrop sample from bedrock!!! In situ quartz vein with well formed quartz crystals on some surfaces. 1.3 m wide and traced for 10 m. Chip sample across 1.3 ,. Rare arsenopyrite in quartz vein and possibly stibnite? Striated metallic black-grey sulphide.

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Sample Number: W591874 UTM: 494482 mE Nad83, Zone 8

Elevation: 1884 m UTM: 7081324 mN

Comments: OR-WH QZ vein w/bk manganese-limonite filled vugs.

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Sample Number: W591875 UTM: 495334 mE Nad83, Zone 8

Elevation: 1792 m UTM: 7081068 mN

Comments: bull WH QZ w vibrant OR, chalky/powdery limonite. Looks like the qtz most common w the altered gabbro.

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Sample Number: W591876 UTM: 496727 mE Nad83, Zone 8

Elevation: 1780 m UTM: 7082902 mN

Comments: 20x6x7cm sample-hydrothermal brxx. Angular clasts of chert. Rusty limonite and ribbons of goethite.

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Sample Number: W591877 UTM: 496726 mE Nad83, Zone 8

Elevation: 1777 m UTM: 7082932 mN

Comments: 6x10x10cm hydrothermal brxx w limonite and goethite. Well formed QZ crystals less than 5cm QZT frags.

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Sample Number: W591878 UTM: 495354 mE Nad83, Zone 8

Elevation: 1791 m UTM: 7083492 mN

Comments: 6x6x10cm rusty oxidized qz vein w well formed QZ crystals. Iridescent tarnish on vein. Graphite bands weave throughout vein.

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Sample Number: W591879 UTM: 496123 mE Nad83, Zone 8

Elevation: 1462 m UTM: 7080950 mN

Comments: 6x12x8cm hydrothermal brxx to ferrocrete. Heavier than normal ferrocrete. Angular clasts of DK GY qzt.

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**Rock Sample Descriptions**

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Property: Mt Hinton

Sample Number: W591880 UTM: 496275 mE Nad83, Zone 8  
Elevation: 1920 m UTM: 7083748 mN

Comments: 4 pieces, QZ vein w bladed calcite holes w limonite filling. Country rock is DK gray QZT. Oxidized weathering surface.

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Sample Number: W591881 UTM: 495338 mE Nad83, Zone 8  
Elevation: 1417 m UTM: 7080197 mN

Comments: 8 pieces peach-OR QZ w/ 4mm band of fine arsenopyrite w/rare scorodite on selvages. 495338 7080197

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Sample Number: W591882 UTM: 496126 mE Nad83, Zone 8  
Elevation: 1445 m UTM: 7081042 mN

Comments: 20x10x10cm grassy to WH QZ vn w/less than 3cm masses of chlorite-rare vugs filled with limonite.

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Sample Number: W591883 UTM: 495247 mE Nad83, Zone 8  
Elevation: 1739 m UTM: 7083418 mN

Comments: 4 pc of hydrothermal brxx to ferrocrete. Clasts of pale OR QZT.

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Sample Number: W591884 UTM: 495651 mE Nad83, Zone 8  
Elevation: 1457 m UTM: 7080290 mN

Comments: 12 pc WH QZ vein w/teeth-like intergrowths. Rusty oxidized limonite. Nearly chalky.

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