SAMPLE DESCRIPTIONS - CRONIN MINE - 2 OCTOBER 1974

1. "New Talus Showing" - at end of across road diagonal across talus slope on way up to mine levels.
   - abundant random quartz veining in folded, foliated black argillite.
   - main quartz vein 1 ft. thick with massive PbS, ZnS and tetrahedrite mineralization.
   - also sig. 'intergrowth' of tetrahedrite with quartz crystals.
   - Main mineralization is steel-grey tetrahedrite Next is typical resinous brown ZnS. Minor coarse grained 'cubed' PbS. Trace pyrite.
   - Boulangerite 'needles' - significant.
   Sa. No. C-26 - 'high-grade'.

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2. 6 Level - end of subdrift
   - climb down 150 ft. winze from No. 5 level.
   - Very massive, large (> 10 ft.) vein (plus quartz) of PbS and ZnS (eg. Balmat ZnS)
   - Minor cpy and sig. tetrahedrite ZnS>PbS>tetra>cpy>py
   - Trace pyrite
   - Good 'intergrowth' of quartz crystals with PbS and tetrahedrite
   Sa. No. C-27 - 'high-grade'

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3. 3 Level - 521 Stope.
   - Large (50 sq. ft.) open stope - leading down to No. level.
   - high-grade PbS (+ quartz) vein and ZnS and minor tetrahedrite and pyrite.
   - significant quartz crystal intergrowth with PbS and tetrahedrite
   - in places, tetrahedrite is significant.
   - at rhyolite - argillite contact
   - rhyolite has sericite plus veinlets and disseminations of PbS - also minor pyrite.
   Sa. No. C-28 - mineralization (high-grade)
   C-29 - mineralized - disseminated and fracture filling in rhyolite.

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SAMPLE DESCRIPTIONS ÷ CRONIN MINE - 2 OCTOBER 1974.

4. No. 2 Level - adit about 30 ft. below No. 1 level
   - high-grade PbS - ZnS vein. Minor cpy and py.
   Sig. quartz intergrowth with Pbs
   Sa. No. C-30 - 'high-grade'.

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5. No. 1 Level - 'New' (1974) Face
   - Opened up in Aug. '74 at end of drift in development.
   - High-grade PbS-ZnS-tetrahedrite vein (> 30 ft. wide).
   - Abundant PbS fracture filling and disseminations in rhyolite also.
   - Sig. PbS and tetrahedrite and pyrite. AnS is minor.
   - Rock shows massive sulpide matrix with fragments of rhyolite in breccia.
   - Abundant wuartz
   - Sog. disseminations of cpy and PbS and py? in fresh medium grey rhyolite.
   - Sig. fracture filling and disseminations PbS and ZnS and py in light grey rhyolite.

   Sa. No. C-31 - 'High-grade' grab
   C-32 - mineralization medium grey rhyolite - mainly fine grained disseminations.
   C-33 - mineralization in light grey rhyolite - fracture filling and disseminated.

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6. No. 3 Level - "In one entrance - out another".
   - original old workings
   - massive ZnS and tetrahedrite and PbS in quartz vein.
   - sig. tetra (freibergite)
   Sa. No. C-34 - 'High-grade' grab

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7. No. 5 Level - No. 1 vein - lowest tunnel entrance.
   Begin in well flt'd argillite (vertical) and then rhyolite.
   Tremendous secondary orange-red zinc coating on walls.
   - massive ZnS and tetra and PbS and cpy in quartz vein in rhyolite, 6" wide.

   Sa. No. C-35 - 'High-grade'.

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SAMPLE DESCRIPTION - CRONIN MINE - 2 OCTOBER 1974

8. No. 5 Level 'host' medium grey rhyolite
   - disseminated PbS?
   Sa. No. C-36 - rhyolite.

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9. No. 5 Level - Bright orange-red zinc secondary doating on walls.
   Sa. No. C-37 - X-ray and assay.
   C-38 - "Needles" for boulangerite. (X-ray)

October 4, 1974
Tom Schroeter