

## Eskay Creek - Samples of R. Kirkham

DDH 21 - 59.6 m

Orpiment-rich with stibnite, minor sphalerite, trace arsenopyrite, native arsenic and spherical pyrite in dolomite matrix.

DDH 11 - 147.1 m

Coarse galena, pyrite and sphalerite with some chalcopyrite. Chalcopyrite mainly as exsolution in sphalerite, some as fracture fillings in pyrite.

DDH 35 - 19.3m

Fine grained spherical to framboidal pyrite with trace sphalerite and carbon.

- 65m

Minor arsenopyrite, trace framboidal pyrite, chalcopyrite, carbon and stibnite.

-85m

Trace pyrite.

DDH 36 - 284.4m

Minor euhedral pyrite.

DDH 44 - 174m

Massive euhedral pyrite with interstitial chalcopyrite, sphalerite (x cpy), tetrahedrite and coarse galena.

-180.3m

Veinlet of euhedral pyrite with trace sphalerite and galena.

-202.6m

A few coarse euhedral pyrite with trace sphalerite.

-233.4m

Finely disseminated pyrite with trace sphalerite.

DDH 45 - 391.0m

Scattered euhedral pyrite with fine grained clusters of sphalerite.

- 392.7 m

Scattered coarse bournonite, sphalerite, galena, pyrite.

- 414.5 m

Scattered coarse pyrite, minor coarse to fine grained sphalerite.

DDh 59 - 90.3 m

Sparse pyrite.

- 190.8 m  
Trace of finely disseminated pyrite and sphalerite.
  - 199.4 m  
Trace finely disseminated pyrite.
  - 240.0 m  
Abundant fine grained pyrite with minor sphalerite.
  - 251.0 m  
Scattered wuhedral pyrite with trace of sphalerite.
  - 256.6 m  
Scattered euhedral pyrite with traces of sphalerite, chalcopyrite and galena.
  - 410.0 m  
Coarse to fine pyrite with minor fine sphalerite.
- DDH 89 - 84.5 m  
Massive stibnite, coarse orpiment, minor Hg-sphalerite, trace cinnabar, pyrite, realgar and carbon.

#### Microprobe Analyses

##### Sphalerite

	11-147	44-174	45-392.7	89-84.5		
Zn	62.5	62.1	64.2	49.6	43.1	47.8
Hg	0.3	0.8	0.5	19.3	28.9	22.5
Fe	4.1	3.5	1.7	0.1	0.3	0.2
Cd	0.3	0.4	0.3	-	-	-
S	33.5	33.1	33.3	28.9	26.6	28.6

##### Tetrahedrite

	44-174
Cu	35.7
Ag	3.3
Hg	0.4
Fe	1.4
Zn	5.9
Sb	27.8
As	0.8
S	25.2

##### Bournonite

	45-392.7
Cu	13.1
Sb	24.8
Pb	40.3
S	19.7

##### Stibnite

	89-84.5
Sb	70.0
As	0.9
S	28.5