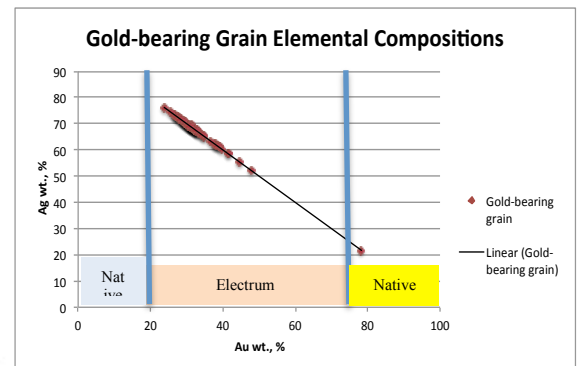
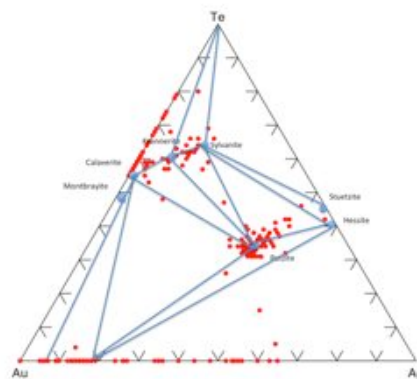
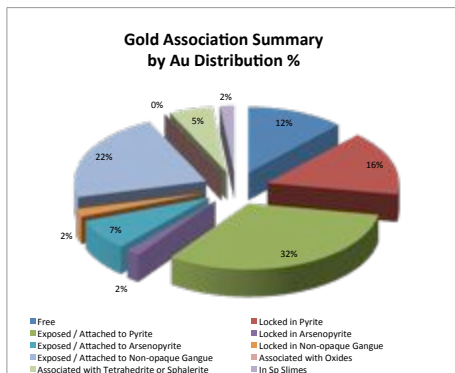
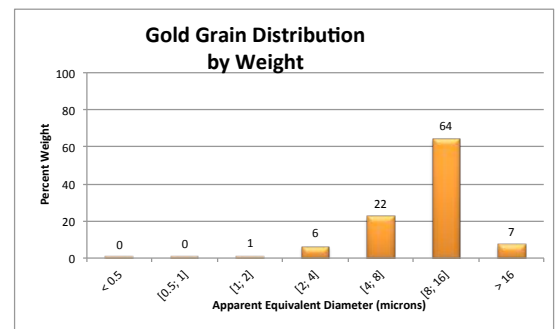
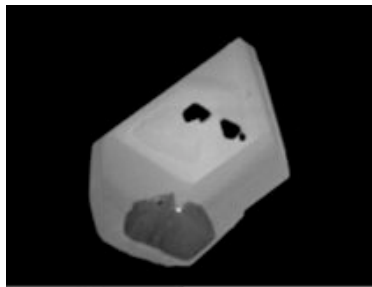
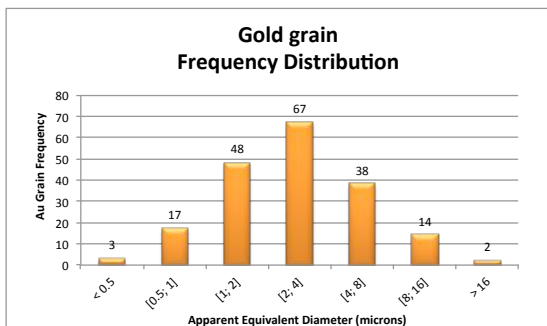
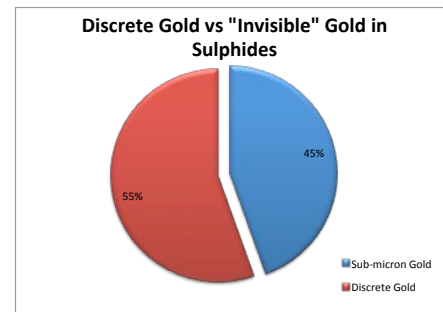


GOLD DEPARTMENT STUDIES

Process Mineralogical Consulting Ltd. (PMC) is an emerging new mineralogy laboratory located in the greater Vancouver area, which provides detailed **Gold Department Characterisation** for exploration and metallurgical testwork. **PMC Ltd.** offers comprehensive mineralogical services using the **Tescan Integrated Mineral Analyser (TIMA)**, an automated Scanning Electron Microscope system. The analysis includes concentration methods and analysis of all products to improve particle statistics and fully balanced distributions, and associations based upon the metallurgical balance.

Association Summary Type of Association	Frequency	Assoc weighted by Mass of Product	Assoc weighted by Au Mass Distribution
1 Free	14	2.31	12.0
2 Locked in Pyrite	82	53.4	15.8
3 Exposed / Attached to Pyrite	33	16.8	32.2
4 Locked in Arsenopyrite	18	0.41	1.67
5 Exposed / Attached to Arsenopyrite	16	0.79	7.59
6 Locked in Non-opaque Gangue	15	3.17	1.91
7 Exposed / Attached to Non-opaque Gangue	7	2.46	21.8
8 Associated with Oxides	2	0.00	0.03
9 Associated with Tetrahedrite or Sphalerite	2	16.7	5.36
10 In Sp Slimes		3.89	1.74
TOTAL	187	100	100



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