Excerpts from a geological review and sampling report relevant to BC claims

Fairplay Mining District

Mining and exploration interest in the district has been focused on precious metal deposits, copper-molybdenum deposits, and to a lesser extent, tungsten and mercury deposits. Most of the copper-molybdenum exploration has been in the northeast part of the district, at and around the Buzzard Peak stock.

The granite stock, exposed over an area about 1 mi long by 0.5 mi wide, has undergone intense stockwork quartz veining and sericite alteration (Silber1ing and John, 1989). The quartz veins contain various amount of chalcopyrite, pyrite, chalcocite, tenorite, sphalerite, stibnite, galena, molybdenite, scheelite, silver, and gold. The sulfide-bearing quartz veins are also found over a large area in the surrounding limestone, dolomite, shale, and siltstone.

The BC Springs copper-molybdenum deposit, owned by Sharon Steel Corporation *(now by 2Prospectors),* is located 1 mi east of the Buzzard Peak stock. Reportedly, the mineralization is hosted in limestone as disseminations in addition to fissure veins. The deposit is approximately 4,000 ft long, 1,500 ft wide, 170 ft thick, occurs at a depth of 560 ft, and has published identified resources of 131 million tons averaging 0.12 percent molybdenum (Lowe and others, 1985).

An interesting area of complex geology, numerous workings, and anomalous sample analyses occurs in a zone about 3 mi long and 3/4 mi wide extending NW and SE from the Mildred mine. The zone parallels the range front and is underlain by faulted Tertiary volcanic rocks, limestone, dolomite, sandstone, calcareous clastic rock, and greenstone. Many of the workings explore shear zones, fault contacts, quartz veins, tactites, and areas of brecciation and silicification.

Anomalous amounts of cadmium, tellurium, bismuth, selenium, thallium, and gallium are present as "pathfinder elements" in addition to gold, silver, copper, lead, zinc, molybdenum, and tungsten. Skarn hosted or Carlin-type precious metal deposits may be delineated here with additional exploration.

Samples taken consisted of four types:

1) chip - a regular series of rock chips taken in a continuous line across a mineralized zone or other exposure;

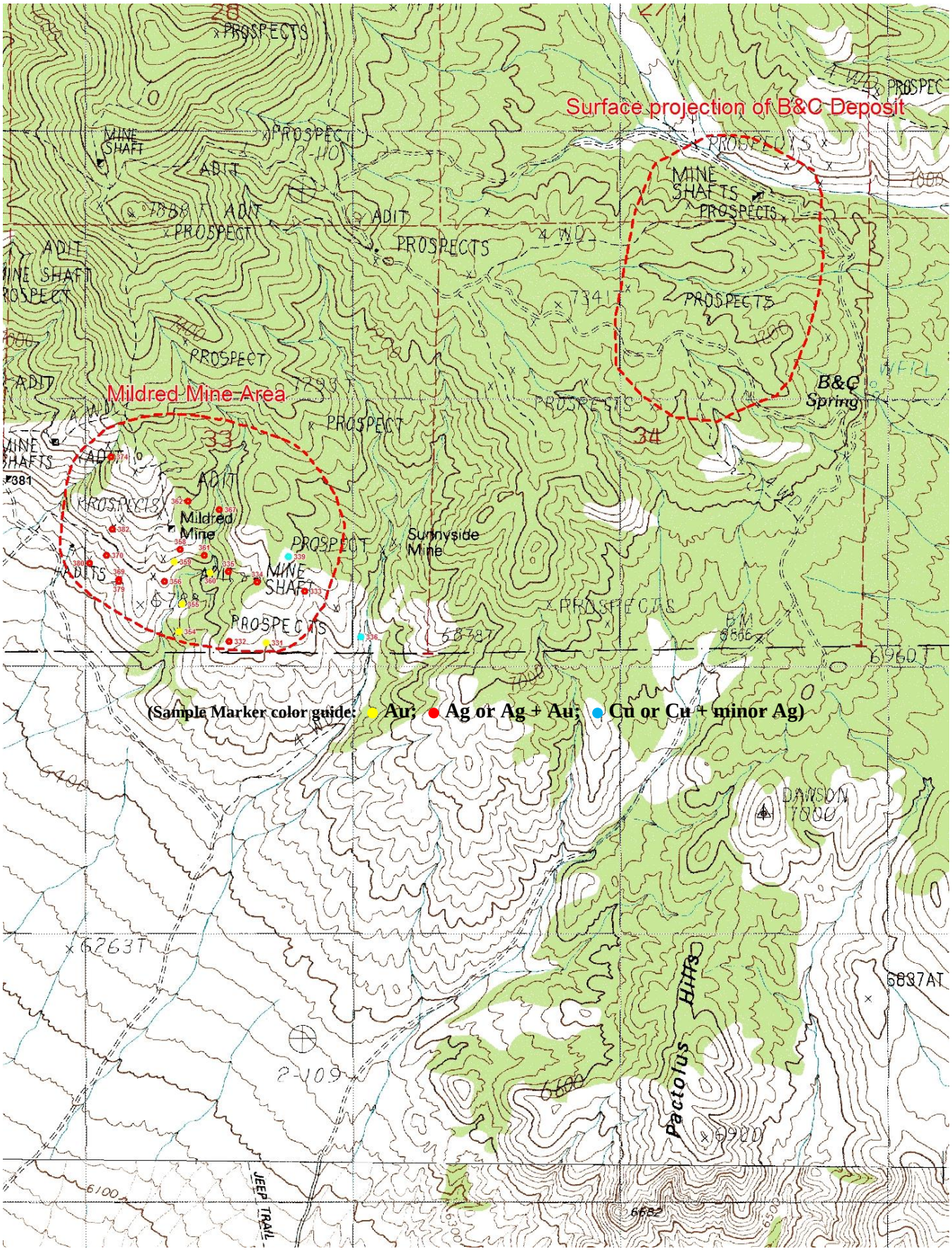
2) random chip - an unsystematic series of chips taken from an exposure of apparently homogeneous rock;

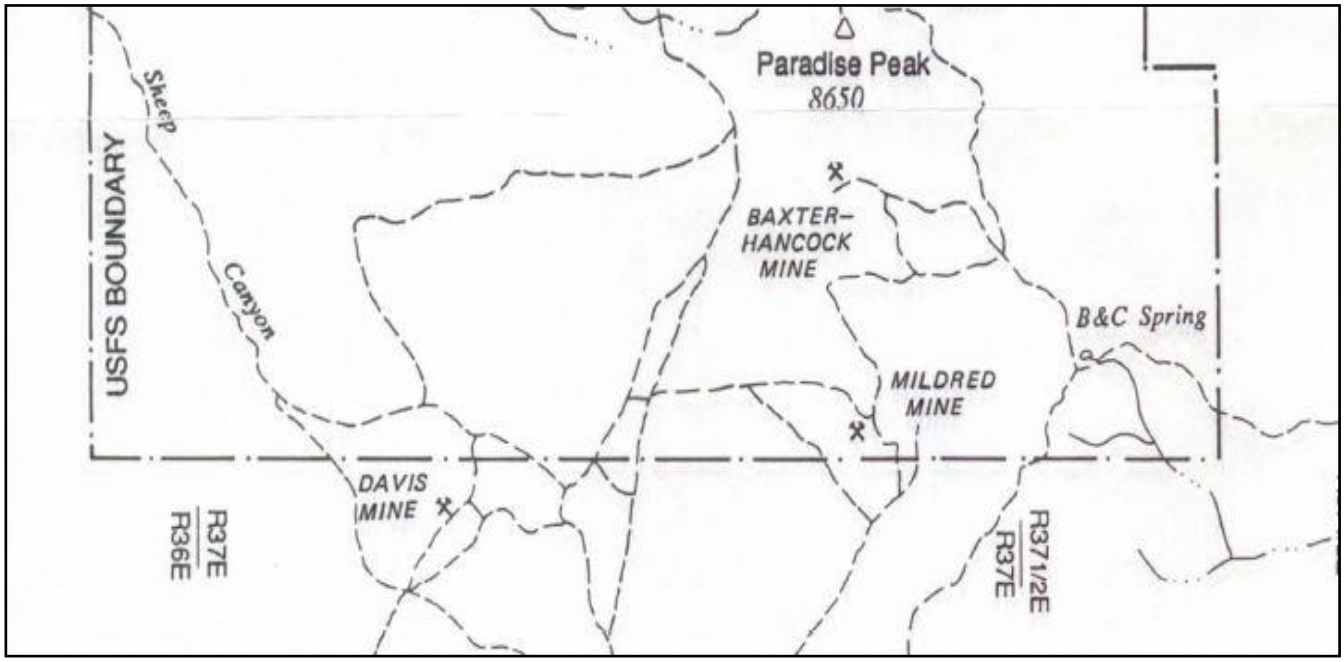
3) grab - rock pieces collected unsystematically from a dump or stockpile, or float (loose rock lying on the ground);

4) select - an intentionally biased selection of rock taken because of a unique or unusual property.

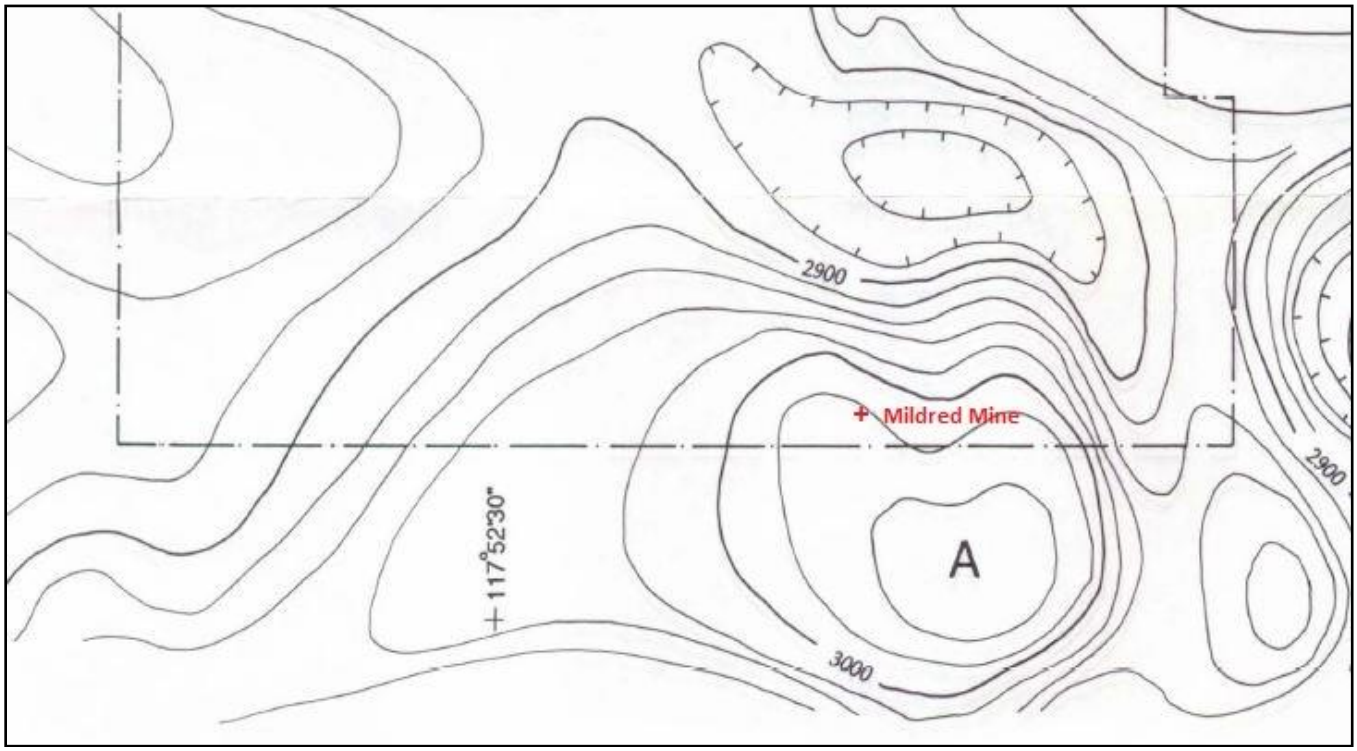
Sample Number	Sample Type	ppm Go1d	ppm Silver	ppm Copper	ppm Lead	ppm Zinc	ppm Tungsten
331	Select	6.0600	6.01	303.00	54.80	90.20	
331 From shear zone trending N. 80 E. and dipping 60 deg. SE. in greenstone exposed at 40 ft deep shaft.							
332	Select	0.3380	65.60	26500.00	64.80	130.00	
332 Malachite stained, hydrothermally altered greenstone and volcanic rock exposed in cut.							
333	Select	0.1110	83.00	67700.00	1355.00	9623.00	
333 Limonite and malachite-stained, quartz and limonite-replaced rock containing galena and chalcopyrite from open cut in limestone.							
334	Select	0.8830	34.80	110.00	2751.00	11200.00	
334 Limonite-stained, silicified limestone from dump of 10 ft deep shaft on limestone-greenstone fault contact.							
335	Select	0.0160	30.20	2211.00	5869.00	1651.00	
335 Limonite replaced rock from dump of 50 ft deep shaft near limestone-greenstone fault contact. From shear zone trending N. 50 W. and dipping 45 deg. NE.							
336	Select	0.0450	2.49	15100.00	13.00	85.00	
336 Malachite stained greenstone from dump of workings near limestone-greenstone contact.							
339	Select	0.0050	11.60	26100.00	21.00	275.00	
339 Malachite and azurite stained, limestone and silicified limestone containing chalcopyrite from pit.							
354	Select	1.1100	5.69	23.50	302.00	60.60	
354 Limonite stained, brecciated volcanic rock from fault zone trending N. 5 W. and dipping 80 deg. NE. at greenstone-volcanic rock contact.							
355	Select	10.8000	32.10	514.00	141.00	1499.00	
355 Limonite stained, bleached, partially silicified limestone from dump.							
356	Select	0.0440	41.90	18800.00	130.00	6596.00	
356 Malachite and azurite stained quartz and silicified limestone from pit.							
358	Select	0.1050	51.20	10200.00	8472.00	18200.00	
358 Malachite stained, dark green, partially silicified limestone containing pyrite and chalcopyrite from dump.							

Sample Number	Sample Type	ppm Go1d	ppm Silver	ppm Copper	ppm Lead	ppm Zinc	ppm Tungsten
359	Select	22.2000	29.00	495.00	394.00	3272.00	
359 Limonite stained quartz containing pyrite and chalcopyrite from dump of glory hole in limestone near N. 40 W. trending granitic dike.							
360	Select	0.3350	3.71	182.00	334.00	3113.00	
360 Limonite stained Quartz and silicified limestone from dump of 40 ft deep shaft.							
361	Select	0.0730	5.14	913.00	60.20	21600.00	1421.00
361 Quartz-diopside-epidote tactite from pit in limestone.							
362	Select	0.0910	130.00	23400.00	305.00	29100.00	
362 Malachite and azurite stained diopside-epidote-quartz tactite in limestone.							
367	Select	0.2980	199.00	28000.00	4183.00	59600.00	2815.00
367 Limonite stained diopside-epidote-quartz tactite from pit in limestone.							
369	Select	0.3560	373.00	24000.00	9136.00	85100.00	5961.00
369 Malachite, azurite and limonite stained quartz-epidote-magnetite-garnet-diopside tactite from dump of adit in limestone.							
370	Select	0.0100	21.60	305.00	11500.00	8922.00	
370 Epidote-diopside-quartz tactite from pit in limestone.							
374	Select	0.0090	37.10	4511.00	10800.00	40300.00	1824.00
374 Limonite and malachite stained epidote-diopside-quartz-calcite tactite from dump of adit in limestone							
379	Select	0.0660	138.00	1590.00	5320.00	96600.00	19031.00
379 Tactite containing powellite from stockpile in limestone.							
380	Select	0.0090	34.20	51.50	2116.00	17200.00	1011.00
380 Scheelite and powellite bearing tactite from open cut in limestone.							
381	Select	<0.0005	7.87	676.00	730.00	29700.00	2181.00
381 Tactite containing traces of disseminated scheelite and powellite.							
382	Select	0.0580	333.00	10.10	12600.00	144000.00	6140.00
382 Diopside-epidote-quartz tactite from cut in limestone.							


Surface projection of B&C Deposit
Mildred Mine Area
B&C Spring
Mildred Mine
Sunnyside Mine
MINE SHAFT
ADIT
PROSPECTS
PROSPECT
DAWSON
7000
Pactolus Hills
JEEP TRAIL
(Sample Marker color guide: Au; Ag or Ag + Au; Cu or Cu + minor Ag)

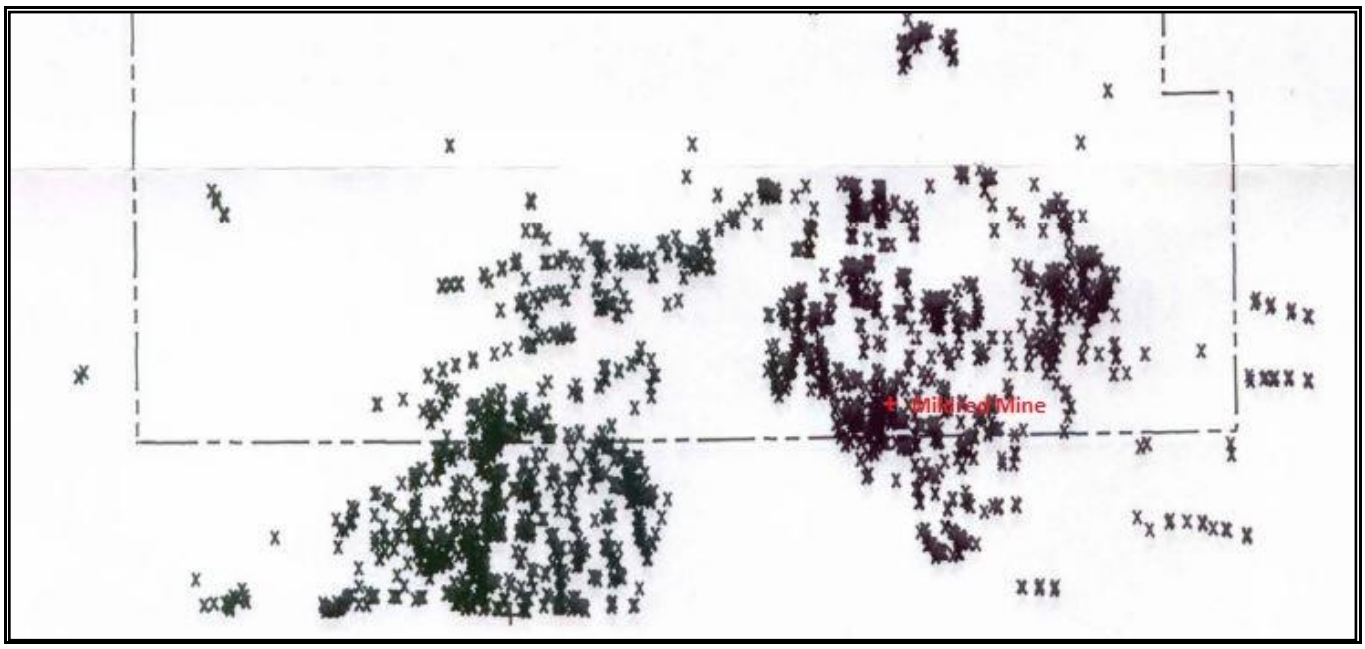


AREA MINES



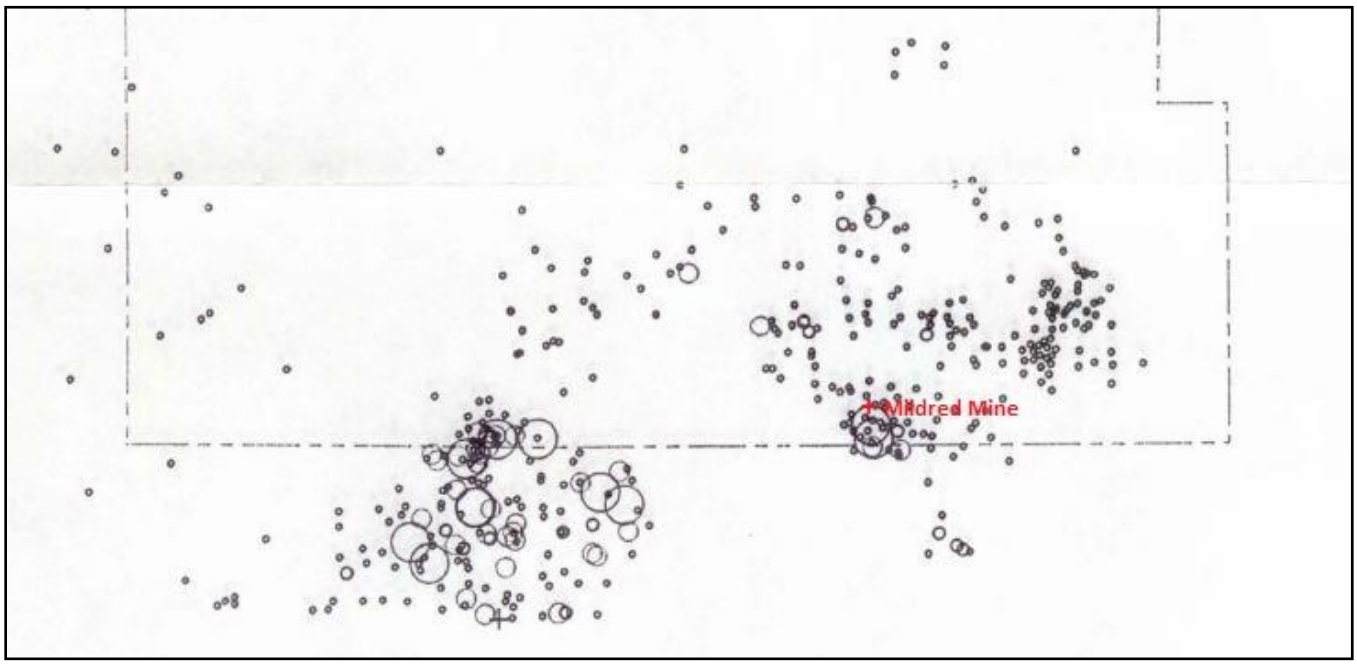
MAGNETIC ANOMALIES

Interpretation of the anomalies shown on figure 10 is by Davis and others (1979). Some of the target areas where parts of igneous rock masses and adjacent sedimentary strata are marked by anomalies include 1) preTertiary sedimentary and metavolcanic rocks beneath the flank of the positive anomaly A;

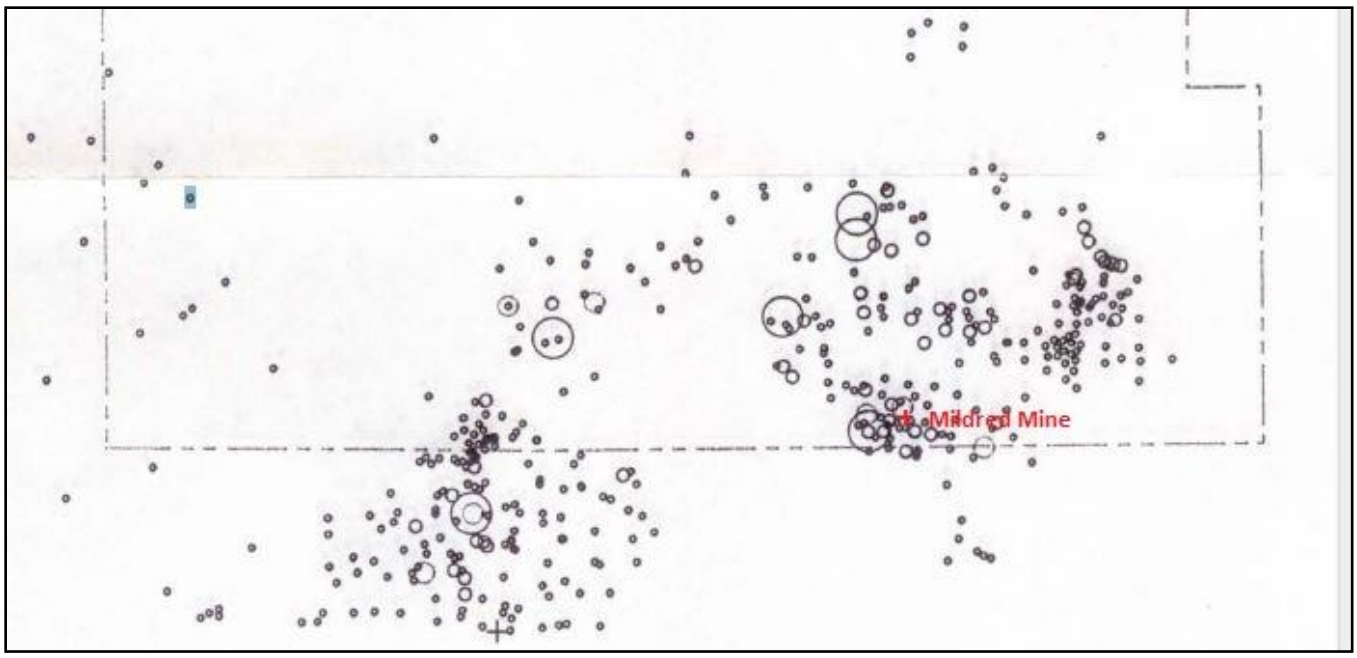


Area Mines and Prospects

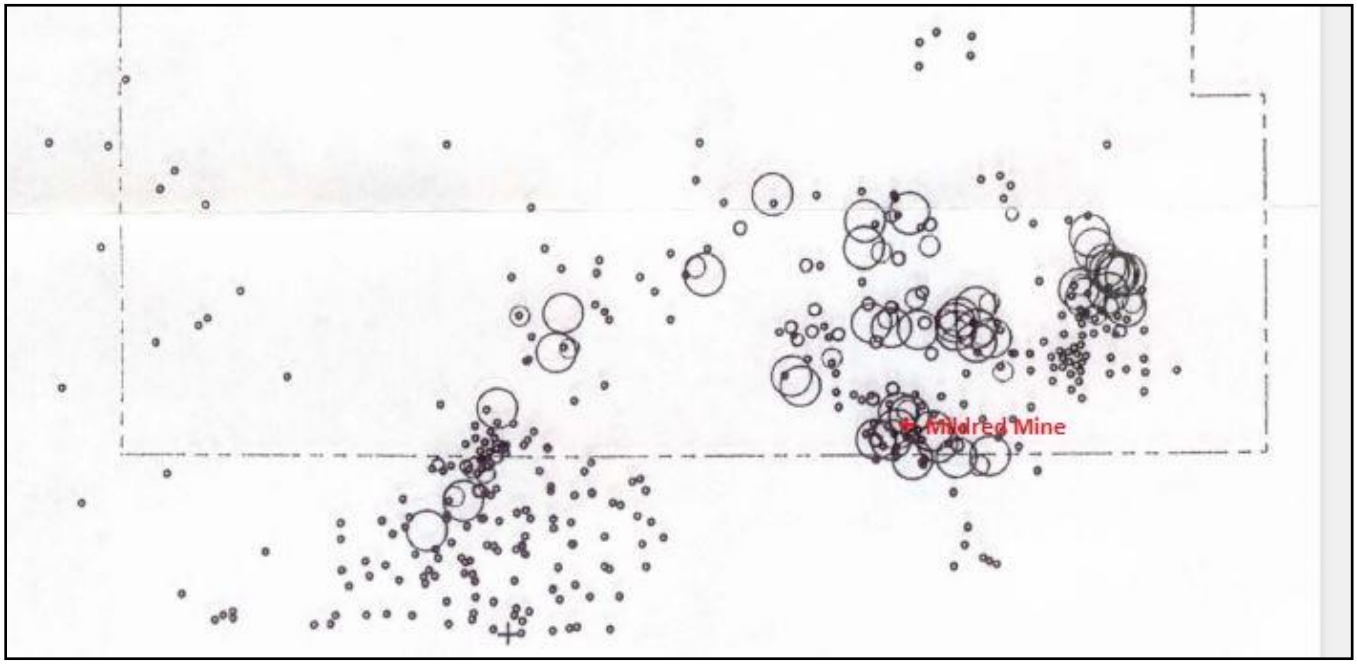
Sample Site Maps Showing Assay Results (larger circles equal higher value)



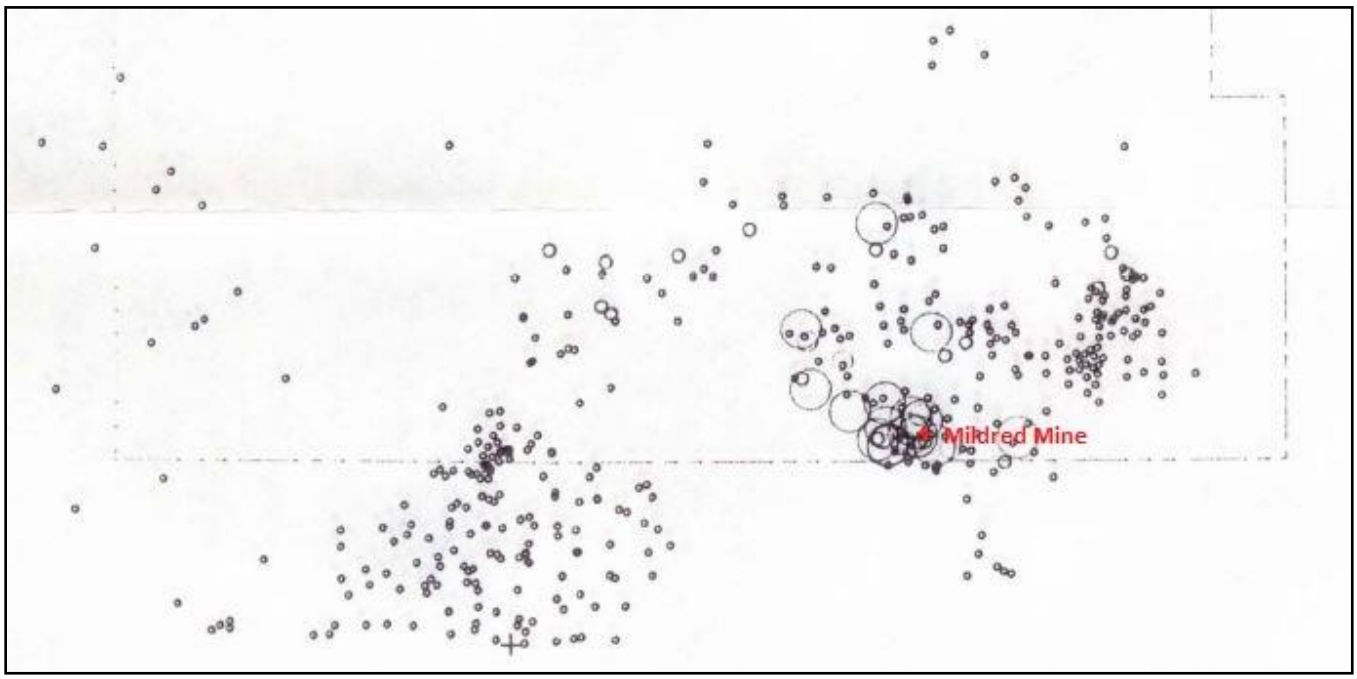
Gold



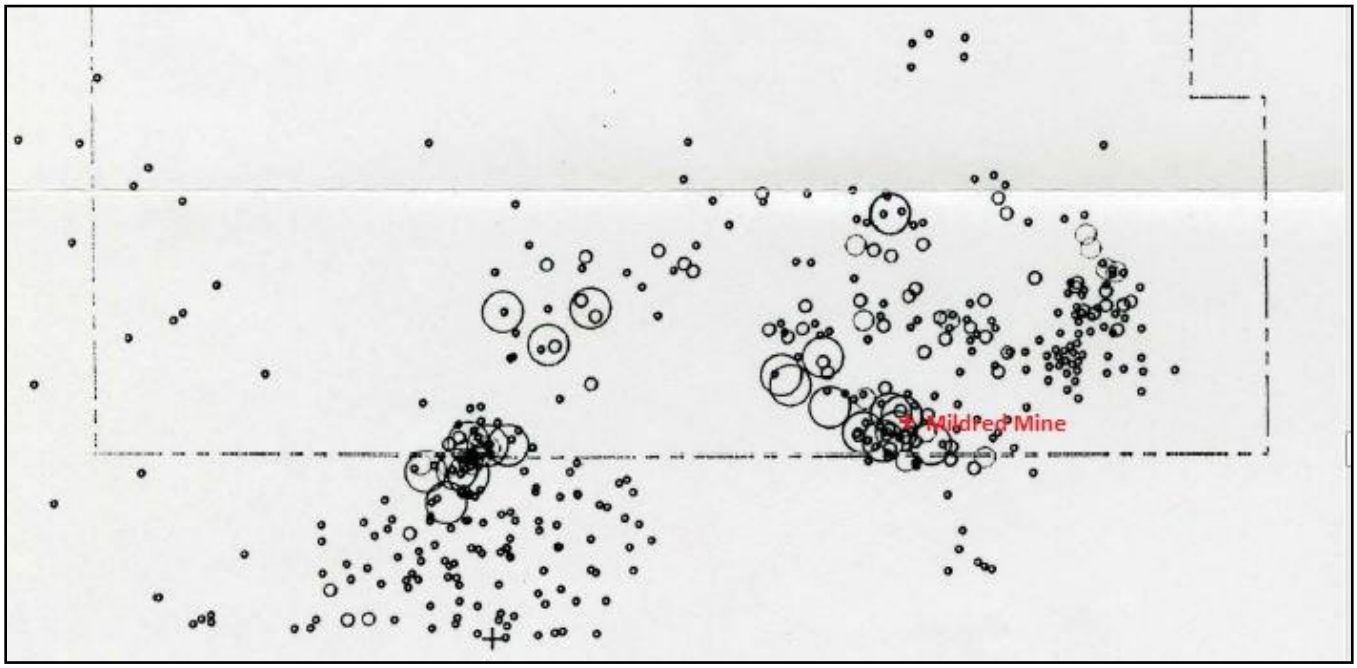
Silver



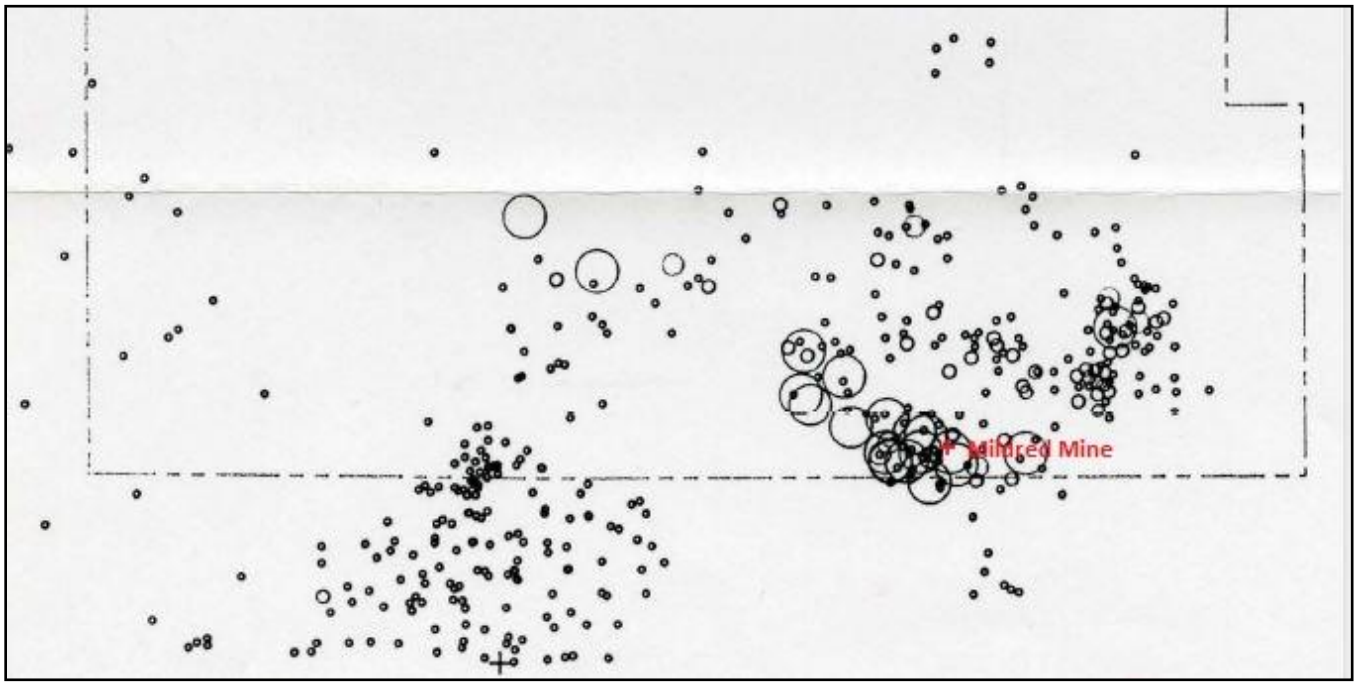
Copper



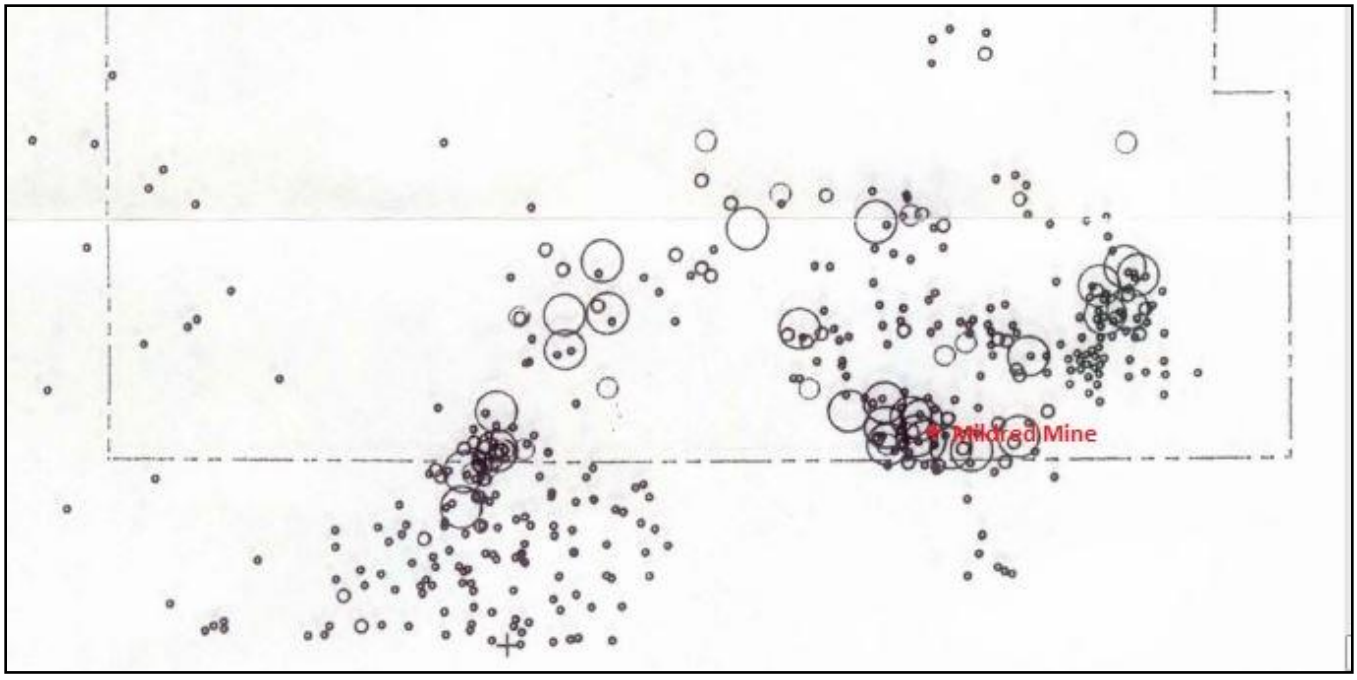
Zinc



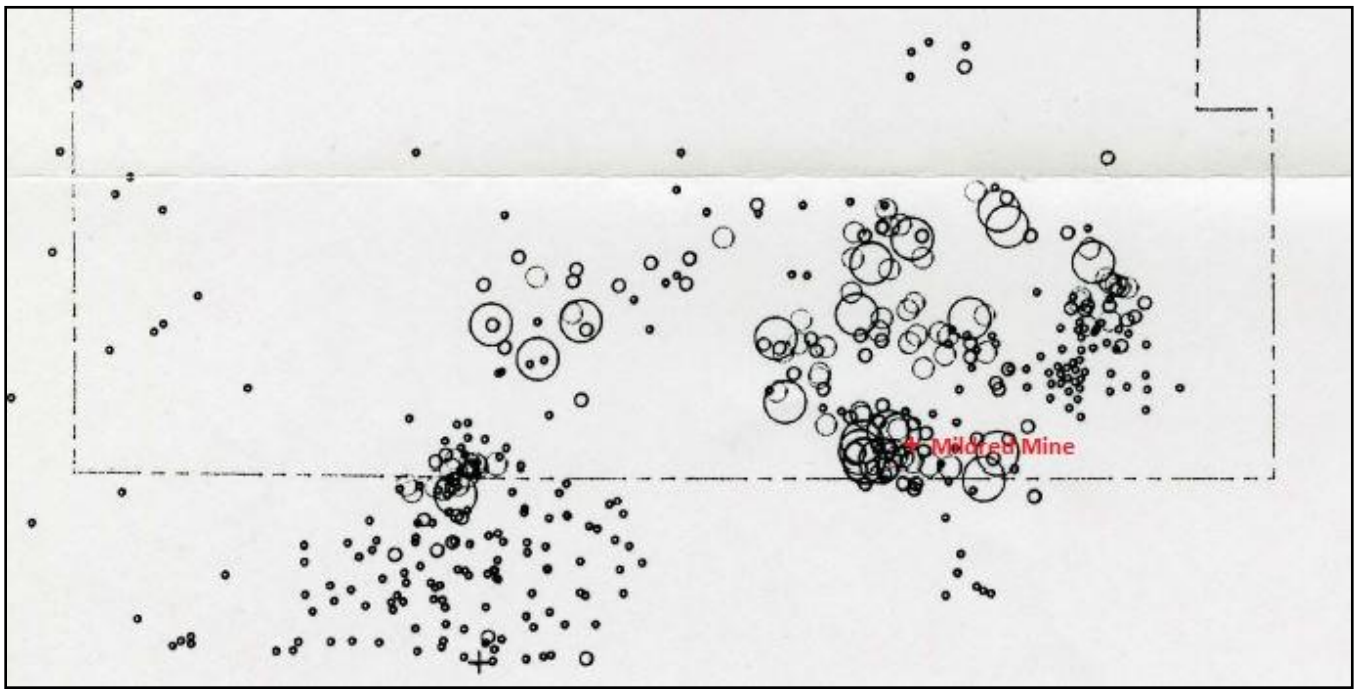
Tellurium



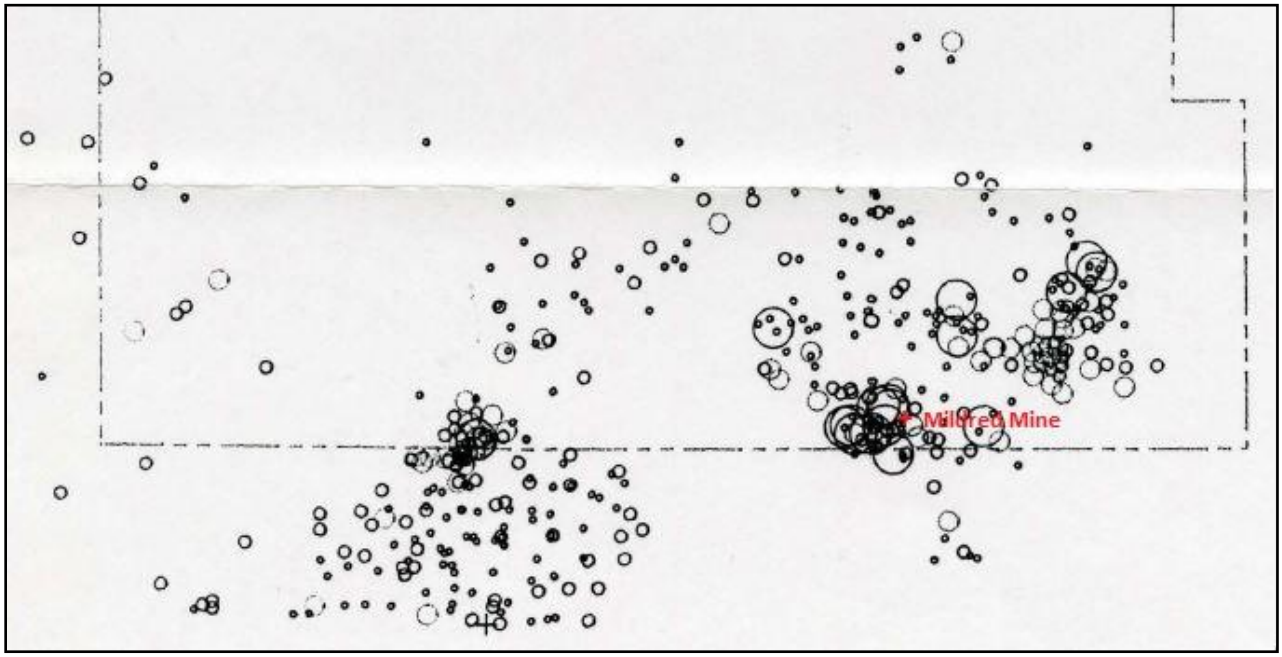
Thallium



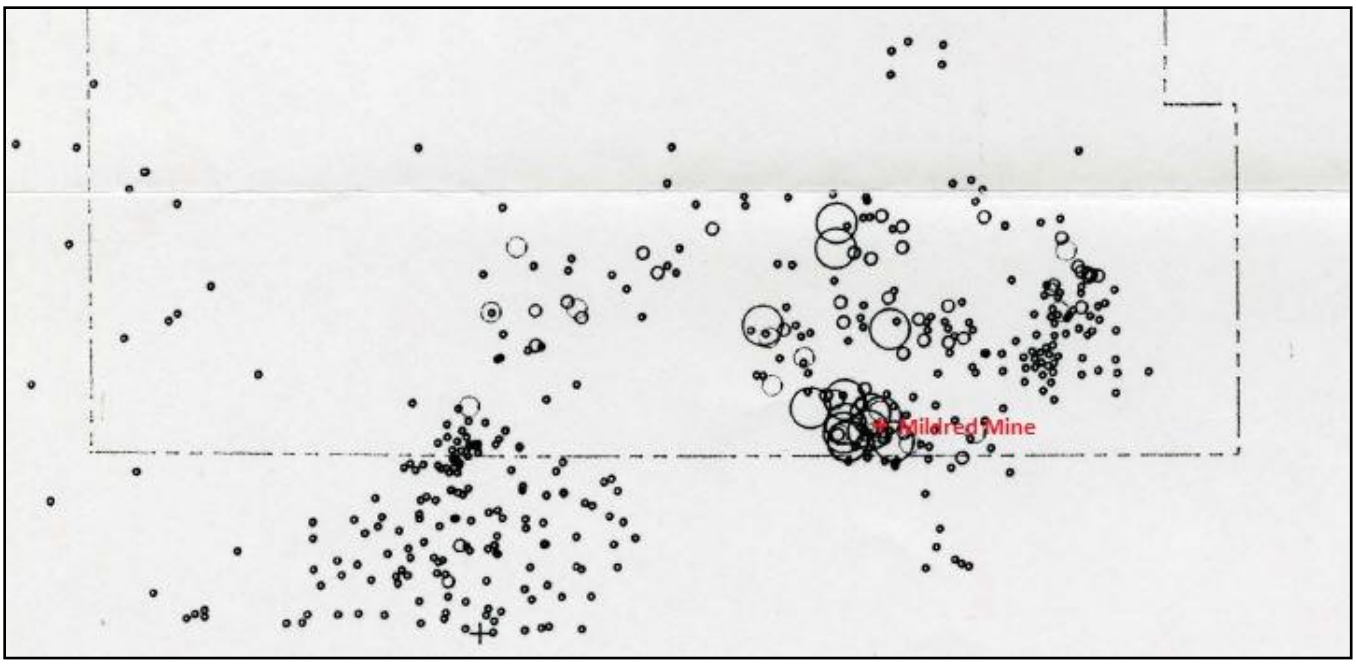
Selenium



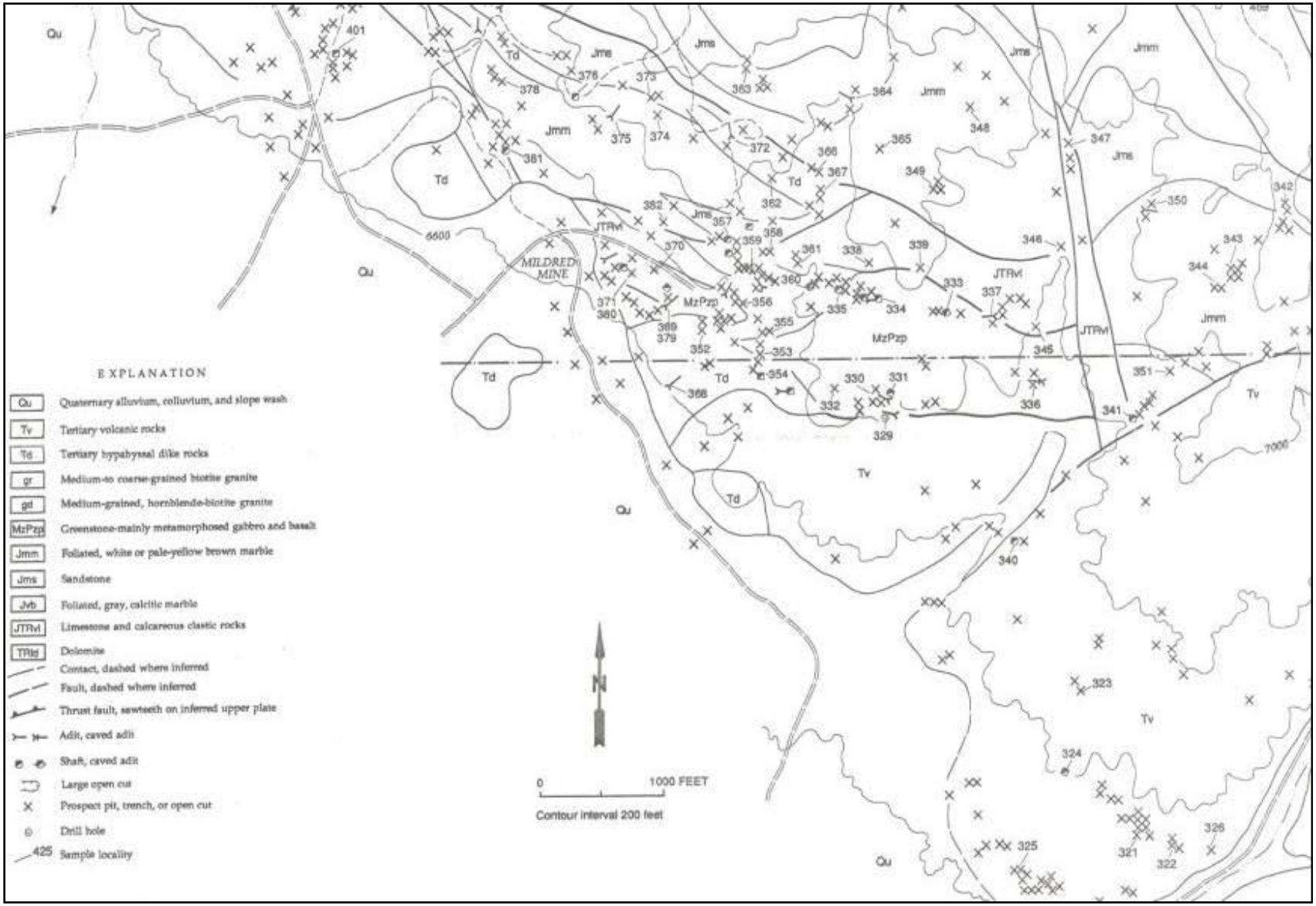
Bismuth



Gallium



Cadmium


EXPLANATION
Qu Quaternary alluvium, colluvium, and slope wash
Tv Tertiary volcanic rocks
Td Tertiary hypabyssal dike rocks
gr Medium-to coarse-grained biotite granite
grd Medium-grained, hornblende-biotite granite
MzPzp Greenstone-mainly metamorphosed gabbro and basalt
Jmm Foliated, white or pale-yellow brown marble
Jms Sandstone
Jvb Foliated, gray, calcitic marble
JTRvl Limestone and calcareous clastic rocks
TRld Dolomite
Contact, dashed where inferred
Fault, dashed where inferred
Thrust fault, sawteeth on inferred upper plate
Adit, caved adit
Shaft, caved adit
Large open cut
Prospect pit, trench, or open cut
Drill hole
425 Sample locality
MILDRED MINE
N
0 1000 FEET
Contour interval 200 feet