840516

Wayside Property

OCT 1986
W. Hewgill

Potential for an economic ore deposit on the Wayside property may be in part determined by comparison with Bralorne/Pioneer and their main ore controls. These ore controls are as follows;

- favourable host rock being the Bralorne Intrusive with proximity to the sodium rich phase of the differentiate.
- favourable structure, in the case of Bralorne, the Cadwallader Shear
- ultramafic rocks acting as a dam for mineralizing solutions as well as outlining a deep seated structure.

Figure 1: This diagram superimposes the Wayside vein system onto the Bralorne mine workings. It is well documented that the Bralorne deposit improved with depth and that a poorer less consistent zone occured at a similar level of the Wayside workings (Kelley, 1972, p 36.).

Figure 2: This diagram illustrates the potential abundance of the Bralorne Intrusive on the Wayside Property relative to that in the Bralorne/Pioneer area. Drill data indicates an abundance of albitized rocks on the Wayside property. The intrusion has been projected (Drysdale) well under Carpenter Lake.

Figure 3: This figure overlays the Wayside vein ~~sys~~ over the much more extensive vein system along the Bralorne/Pioneer zone. The small dot below the vein/adit system is the 1980 DDH intersection of 2.63 oz/ton over 10 ft. It should be noted however that subsequent holes in 1984 failed to hit economic gold values adjacent to this hole, (80S-10).

Drill hole ~~805-10~~ 80-510

This drill hole intersected the extension of the Notman vein projected at 050° dip from Level #9. It is reported in Sookochoff, (1984) that the core ran 1.76 oz/ton over 15 ft. Elwell's (1980) drill log indicates that it in fact ran 2.63 oz/ton over 10 ft. Sookochoff applied this 2.63 value to drill interval 695-700 when in fact the assay was 0.019 oz/ton. An honest mistake? Ariks (1984) report indicates that holes adjacent to this hole failed to run. This discontinuous nature of gold values appears common in the Wayside as it was also locally in Bralorne.

Level Nine

Kelley ~~rep~~ (1980) report indicates that 1000' of diamond drilling ~~on~~ was ~~the~~ performed in 1948. Assuming that the number nine level followed the vein, it would seem these holes were testing for parralel shears to the main zone and presumably failed although no reports are available on these holes. The long westerly hole intersected a five foot qtz vein but no mention of grades has been given. This is expected to be the extension of the 3T vein. It is not apparent by adding up footages that these were all drilled in 1948.

Conclusions

Although good grades do occur on the property, the values appear to be very inconsistent. It appears the one controlling factor missing on the Wayside is the major structure which accounts for the ~~[illegible]~~ conjugate veins that form the high grade ore shoots at Bralorne. The wayside appears to be mainly one vein which may continue and even improve at depth as at Bralorne. It would be interesting if possible to find out

how continuous the Bralorne system was especially in the zone that was reported to have poor values at approximatly the same level as the Wayside workings.

Also missing on the Wayside property is a major serpentinized ultra mafic body which at Bralorne acted as a dam for the mineralizing solutions as well as outlining a deep seated structure.

In conclusion, although the property and the reports have some missing elements this property probably is the most favourable in the Bridge River District to host a similar type deposit to Bralorne/Pioneer. To properly evaluate the property would probably require a more detailed literature search of both the Wayside and Bralorne to determine their differences and similarities.

P.S.

adits). Draining of the mine was attempted two times in 1971 and 1982. Because of limited conditions, dewatering was completed only to the 9th level. Some underground sampling was carried out, but the main purpose of drilling from the 9th level to expand the Wayside shear zone could not be achieved and the mine was left to reflood.

In light of the missing drill data this sounds a bit fishy. What could not be achieved, the drilling itself or the expansion of the Wayside shear zone?

Most useful reports are Kelley, 1980 and Elwell, 1980.

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

SPECIMEN SITE A,B,...; DO NOT WRITE ON OTHER SIDE OR USE COLOURS

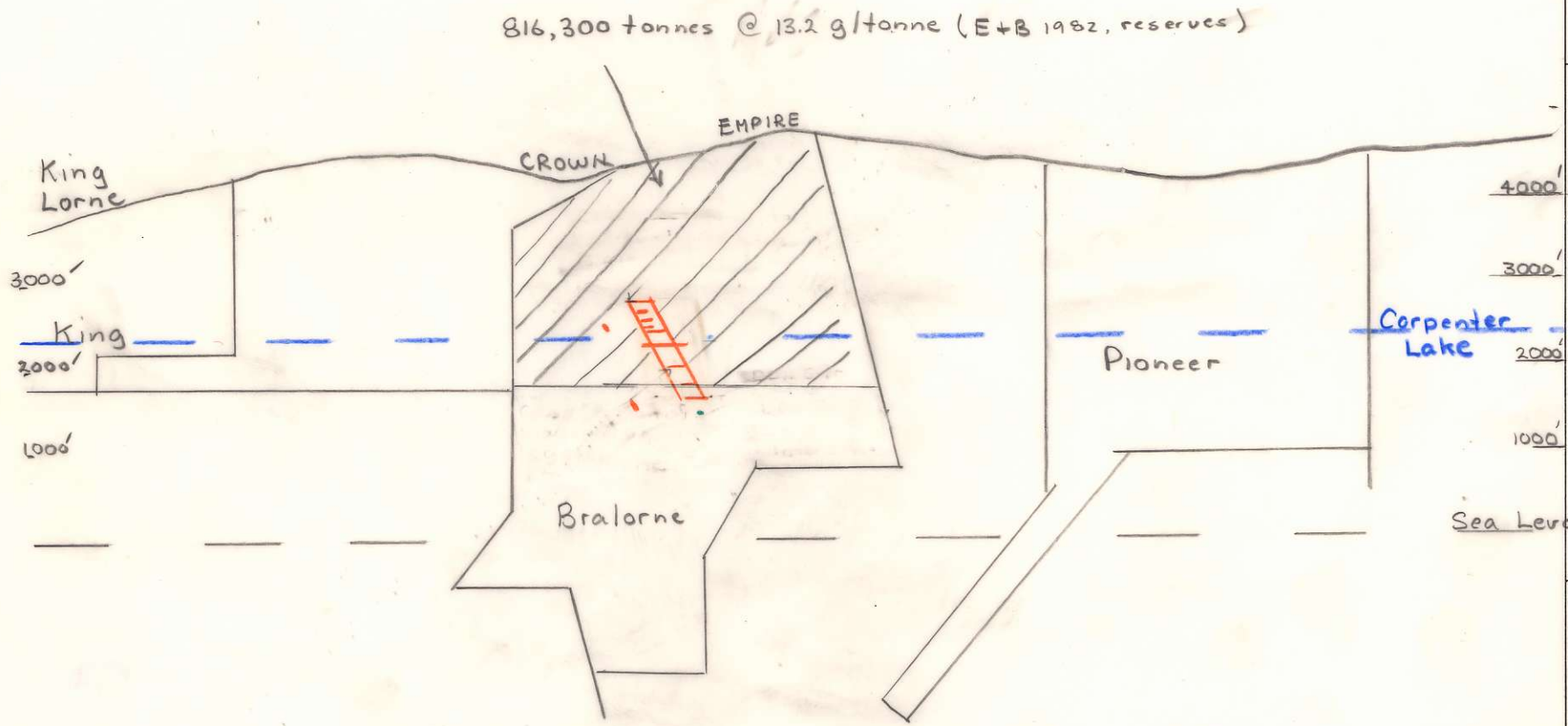
ATTITUDES (∠100/40 N)

BCIL 6662a-CSW

DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED - - - ASSUMED .....

Fig. 1

Bralorne - Pioneer Mines Area
LONG. SECTION



above 2000'

- Area of old workings outlined by E+B explorations to have 816,300 tonnes 8.5 gms above the 4.7 g/tonne cut off

- Cross section perpendicular to the Wayside vein system superimposed on Bralorne section.

• DDH 80S-10, vein intersection 2.63 oz/ton over 10 ft. 120 ft below number nine level.

1" = 2000'

From Bellamy + Salekwan

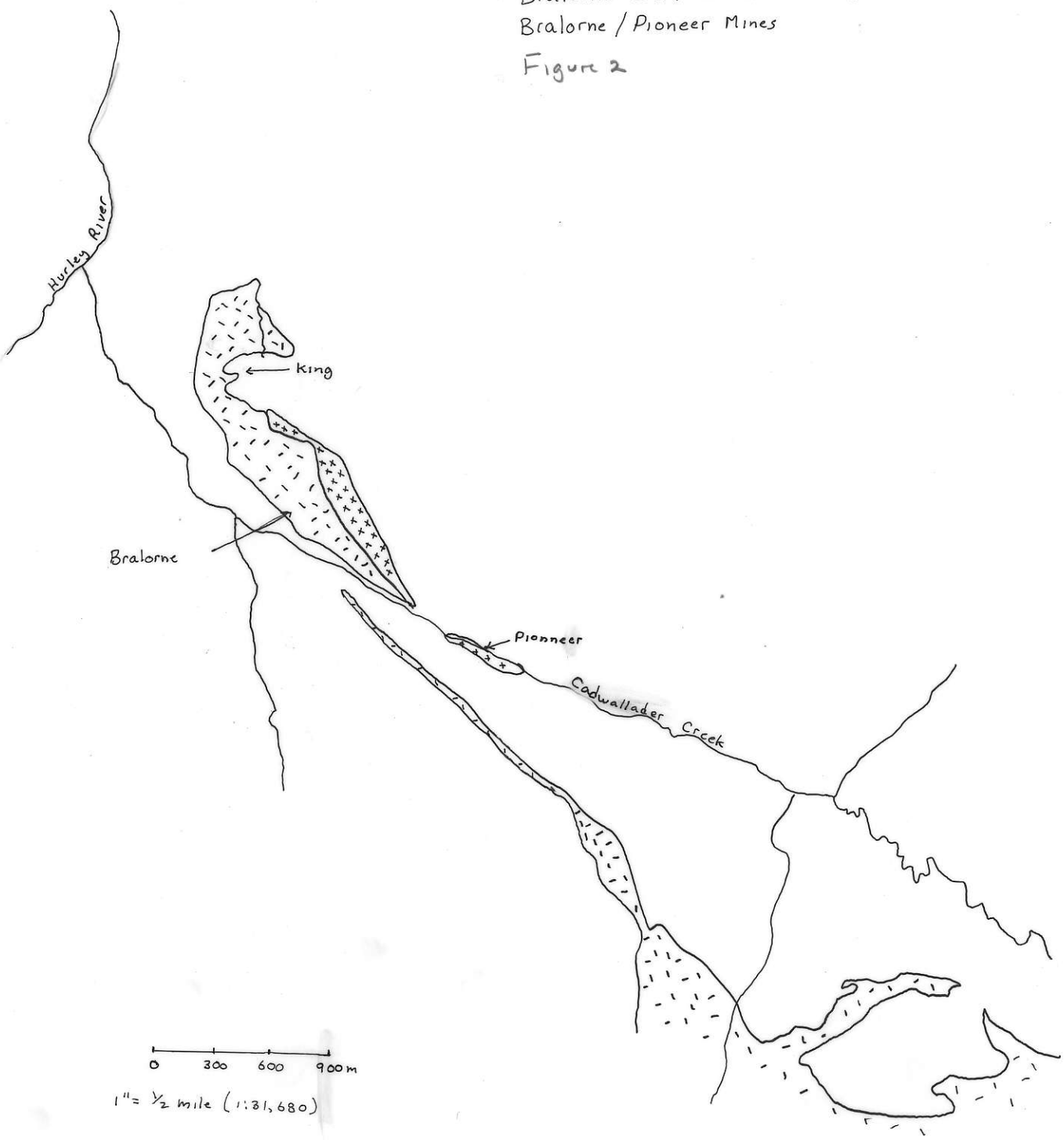
GEOCHEM: Cu Mo Pb Zn U W ASSAY:

Project | Sampler | Date | NTS | Location, Target (words) | photo no. | Scale | Sample Nos | Cert. Nos | of | Traverse

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project	NTS	Scale	of	Traverse
Sampler	Location, Target (words)		Sample Nos	
Date	photo no.		Cert. Nos	

Bralorne Intrusives hosting
Bralorne / Pioneer Mines
Figure 2



GEOCHEM: Cu Mo Pb Zn U W ASSAY:

BC11666 2 - CSM
ATTITUDES
(100/40 N)

SANDSTONE SILTSTONE | CONGLOMERATE | VOLCANIC | CHERT | SHALE | LIMESTONE DOLOMITE | INTRUSIVE | GOSSAN, MINERALS

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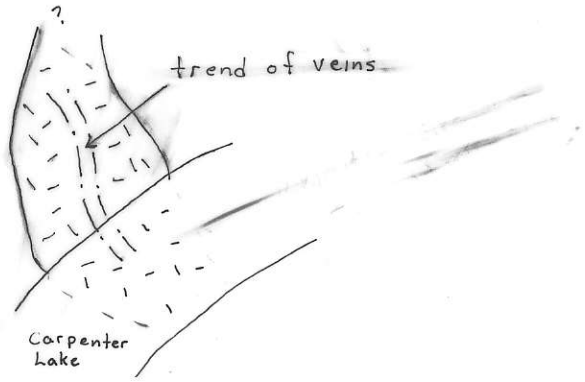
CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project	NT[illegible]	Scale	Page of	Traverse
Sampler	Location, Target (words)		Sample Nos	
Date	photo no.		Cert. Nos	

Figure 2 A



Bralorne intrusives hosting Wayside Vein sytem

Bralorne intrusion projected under Carpenter lake.

1:31,680

BCL 6662 — CSM
ATTITUDES (100/40 N)

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE

SILT X SOIL ● ROCK ■ PAN △ WATER O

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GEOCHEM: Cu Mo Pb Zn U W ASSAY:

Project	NTS	Scale	Page of	Traverse
Sampler	Location, Target (words)		Sample Nos	
Date	photo no.		Cert. Nos	

Figure 3

Wayside Vein System
(plan veiw)
1:24,000

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | ATTITUDES (N 100/40 N)

SILT X SOIL ● ROCK ■ PAN △ WATER O

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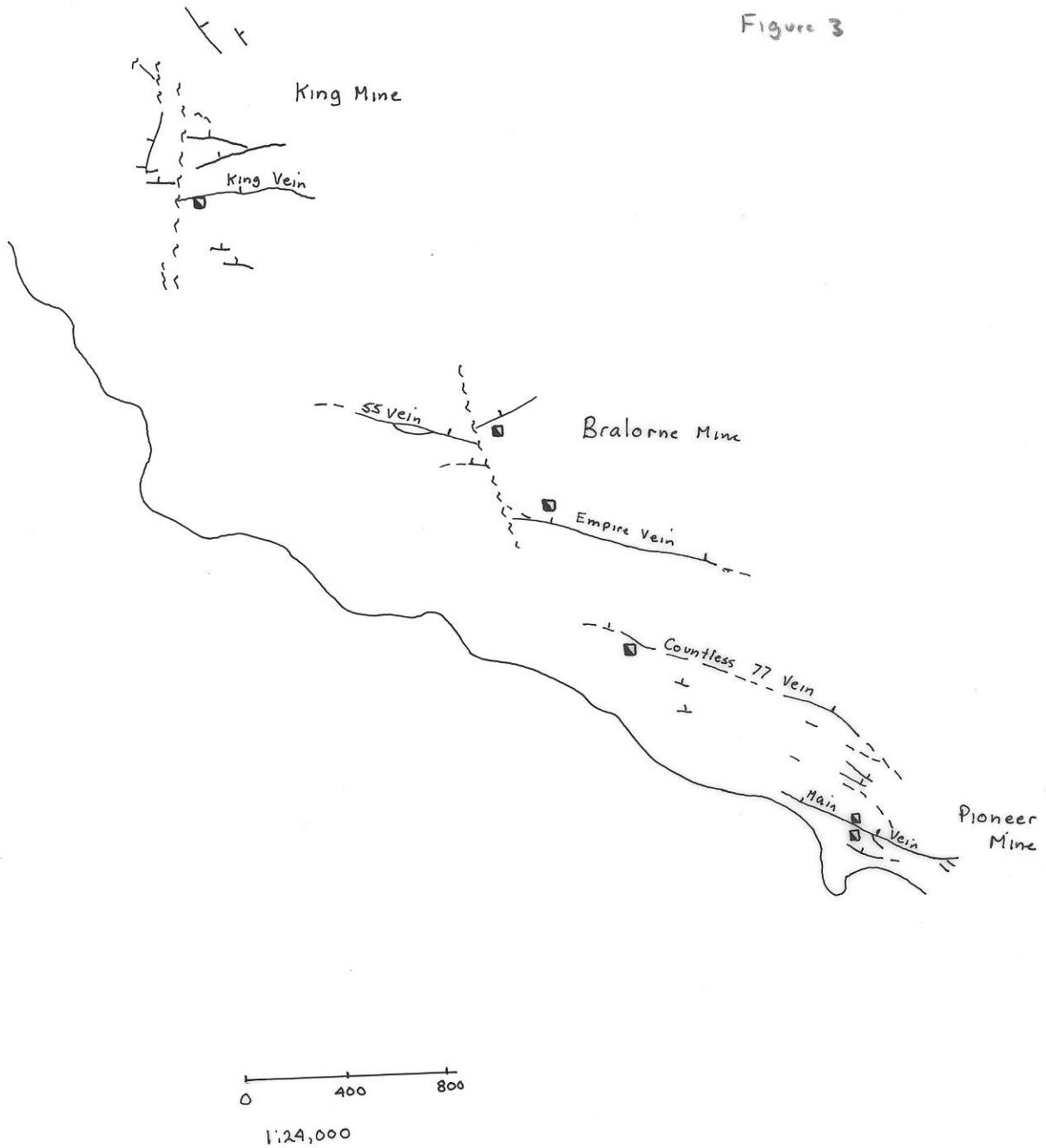
Project	NTS	Scale	Page of	Traverse
Sampler	Location, Target (words)		Sample Nos	
Date	photo no.		Cert. Nos	

Figure 3



Bralorc/Pioneer Vein System
(Plan View)

GEOCHEM: Cu Mo Pb Zn U W ASSAY:

SILT X SOIL ● ROCK ■ PAN △ WATER O

INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | GOSSAN, MINERALS

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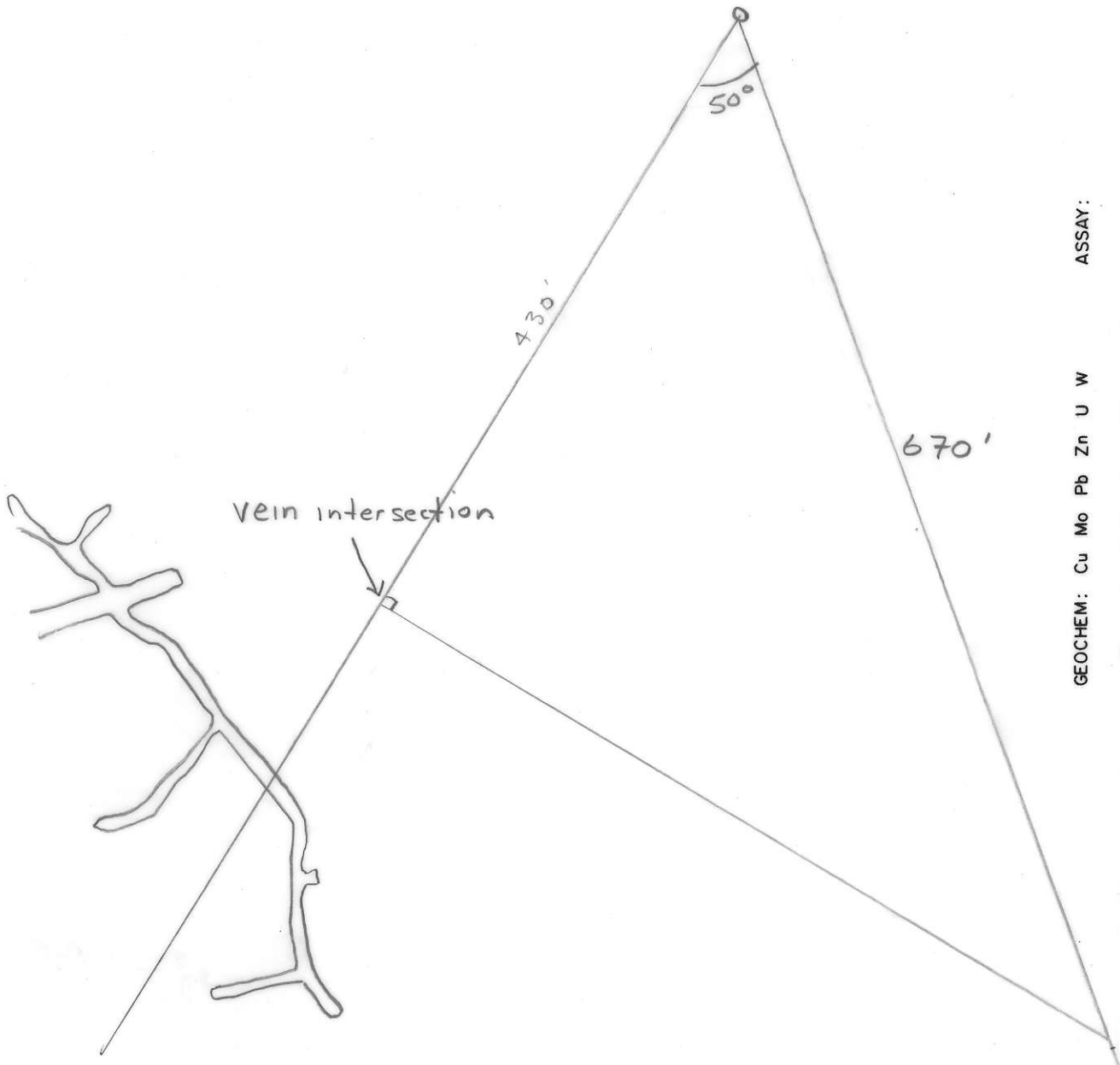
BCL 6662a—CSM
ATTITUDES
(100/40 N)

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

Project	NTS	Scale	of	Traverse
Sampler	Location, Target (words)		Sample Nos	
Date	photo no.		Cert. Nos	

DDH 80 S-10
Vein Intersection on plan view



ASSAY:

GEOCHEM: Cu Mo Pb Zn U W

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BCL 66620-CSM
ATTITUDES
(100/40 N)