

DATE: October 18, 1989  
A  
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COPIES A  
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DE FROM: Paul Baxter  
SUJET  
SUBJECT: Prospector's Dream property exam

822645

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On September 28, 1989 the Prospector's Dream property, 35 km southwest of Cranbrook, B.C. was visited. The following are supplementary comments to the report sent to Minnova from Ed Frost and Frank O'Grady.

The Prospector's Dream property is a small gold property made up of three reverted Crown grants and eight 2 post claims. The property is underlain by Aldridge sediments cut by diorites known as Moyie Sills. Gold mineralization is within narrow quartz veins which occupy shear zones within the diorite and sediments. Exposure on the property is limited to outcrop exposed in the old workings; the rest of the property could have a substantial thickness of overburden. In the vicinity of the old workings relief is fairly gentle but can be quite steep elsewhere on the property. There is no water in the immediate area and the snow free period is from June to mid October.

### Description of Showings and Results

#### Winze Area:

In the Winze area (see map) a narrow quartz vein hosted by Aldridge sediments is exposed in two shafts 45 m apart. Trenching to the north of the shafts has traced the quartz vein for a total of 110 m. In the area of the two shallow shafts the quartz vein is 30-50 cm wide within a shear zone approximately 1 m wide as exposed in the south shaft. North of the shafts the trenches have sloughed-in but quartz vein material is evident on dump piles. Quartz veins are massive white quartz with <1% pyrite and patchy limonite staining.

Channel sampling across the north side of the south shaft (see map) yielded a weighted average of 6.23 g/t Au over 1.0 m. However this value is biased by a 10 cm zone which runs 54.05 g/t Au whereas the rest of the zone is <3 g/t Au. A channel sample across the vein in the north shaft yielded 3.74 g/t Au over 50 cm. Refer to the attached map for samples and results.

#### Decline area:

In the Decline area, a low dipping (-12-15°) narrow quartz vein is hosted by clay altered diorite. The quartz vein has been traced approximately 50 m between the two declines. Exposure of the vein is limited to the south wall of the north decline. Here an 80 cm wide quartz vein is hosted by a 60-70 cm wide footwall zone of clay altered diorite and a 10 cm hanging wall zone of altered diorite. The vein is massive white quartz with <1% pyrite and weak limonite/goethite blotches. High grade gold values are said to come from limonite/goethite rich quartz vein material. Channel sampling across the quartz vein returned 2.27 g/t Au over 80 cm. The host clay altered diorite is anomalous in gold with 430 ppb Au and 720 ppb Au from the hanging wall and foot wall respectively.

#### East Showing:

An area not reported in the Prospector's Dream report was examined and referred to as the East Showing (see map). A 30 cm to 1.5 m wide vertical quartz vein is hosted by altered rusty diorite. The vein has been exposed in three trenches over a strike length of 75 m. The quartz vein is weakly vuggy with up to 2 cm quartz crystals, minor patchy limonite/goethite and minor chlorite. the vein is up to 1.5 m in two trenches but narrows to 30 cm in a third trench. A channel sample across a 1.3 m wide section of the quartz vein returned 0.01 g/t Au. A grab sample of rusty diorite host rock returned 9 ppb Au.

## Conclusions and Recommendations

The Prospector's Dream property near Cranbrook, B.C. is a small gold property with gold mineralization within narrow quartz veins whose orientation appears to be controlled by shears within the host rock. Previous sampling by the owner has shown high grade mineralization to exist but this appears to be patchy or limited to very narrow widths. With the narrow nature of the veins, patchy high grade mineralization and overall low gold grades to veins, no further interest in this property is recommended.

SAMPLE_NA	AU	AU	AG	AG
SAMPLE_NA	G/TONNE	OZ/TON	G/TONNE	OZ/TON
23001	2.34	0.068	4	0.12
23003	2.86	0.083	2.2	0.06
23004	54.05	1.576	16.3	0.48
23006	3.74	0.109	2.1	0.06
23008	1.22	0.036	1.2	0.04
23009	1.26	0.037	0.3	0.01
23011	2.27	0.066	0.6	0.02
23014	0.03	0.001	0.2	0.01
23015	0.01	0.001	0.2	0.01

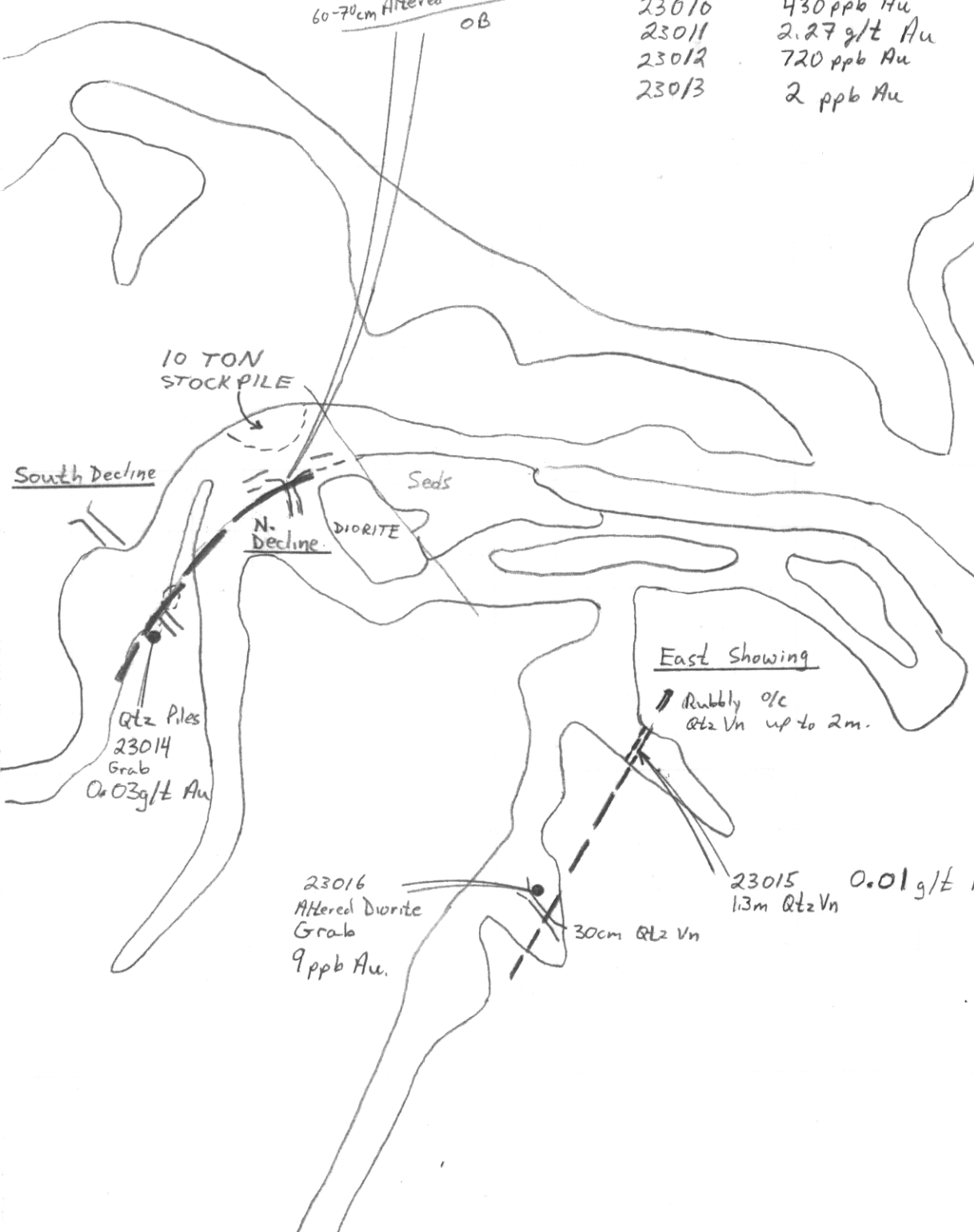
SAMPLE_NA	AG	AU-FIRE
SAMPLE_NA	PPM	PPB
23002	0.5	37
23005	0.9	385
23007	0.3	82
23010	1.2	430
23012	1.5	720
23013	0.7	2
23016	1	9

South Wall of Decline  
Sketch.

E diorite 23013 50cm  
W Altered diorite 10cm 23010  
80cm Qtz Vn 23011  
60-70cm Altered Diorite 23012  
OB

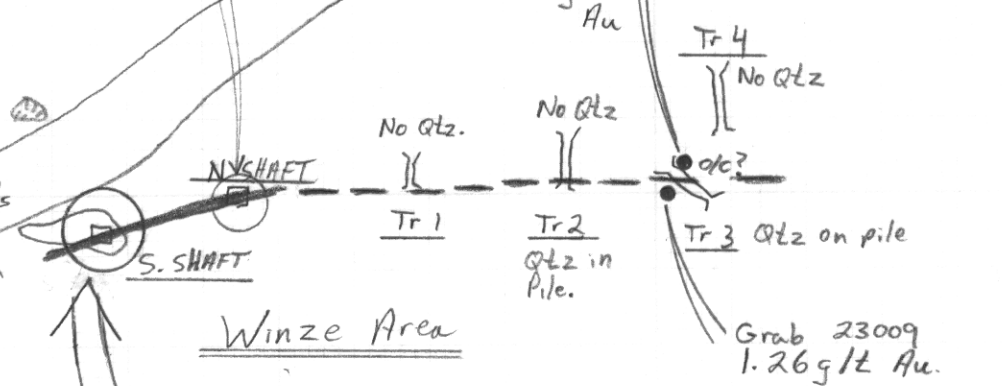
Results  
23010 430 ppb Au  
23011 2.27 g/t Au  
23012 720 ppb Au  
23013 2 ppb Au

Bush Showing  
Qtz Boulder from overburden.  
No qc.

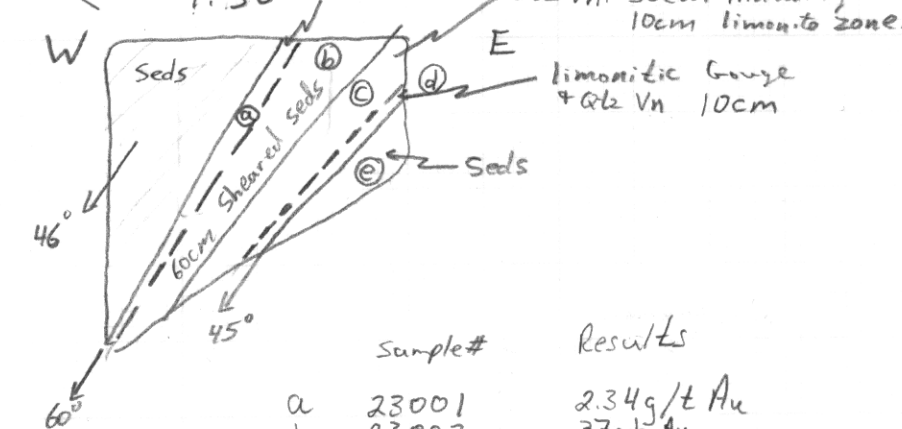


23006, 50cm Qtz Vn 3.74 g/t Au.  
23007, 1m HW Seds 82 ppb Au

23008 15cm Qtz, may only be rubble  
1.22 g/t Au



North Side of South Shaft  
1:50 10cm Qtz Vn  
Qtz Vn. 30cm including 10cm limonite zone.



Sample #	Results
a 23001	2.34 g/t Au
b 23002	37 ppb Au
c 23003	2.86 g/t Au
d 23004	54.05 g/t Au, 10cm wide
e 23005	385 ppb Au

PROSPECTORS DREAM  
NTS 82 F/B E  
1:1500

Additional Comments to  
Map from Prospectors Dream  
Report

