

Preliminary Report - Cone Claims, McConnell Creek, Yukon Terr.

Pelly River Syndicate

The Cone claims, staked for the Pelly River Syndicate by prospectors Verslucce and Cox, were checked on the 21st of September, 1962 by this writer. The claims are located on a small tributary to the McConnell River near its headwaters. They are accessible by twelve miles of pack horse trail from Greyling Lake to the south or by backpacking over the mountain from Seagull Lake six miles to the northwest. Greyling and Seagull Lakes are both accessible by float aircraft from Whitehorse.

The ridge between Seagull and McConnell creeks on which the Cone claims are located is primarily felsitic tuffs and breccias with stocks of related hornblende syenite. The discovery area is largely covered by slide and vegetation. Within the limited time available for the inspection little could be done other than sample and examine the outcrops exposed by the prospectors trenching.

An area of approximately forty feet in length along the general strike of the mineral showing had been exposed. This was sampled for twenty-five feet perpendicular to the strike of the overlying beds. The upper ten feet was mainly massive galena. This was followed by approximately ten feet pyrrhotite with disseminated galena. The final five feet was disseminated galena with minor bands of massive galena. The assay results were as follows:

	Au.	Ag.	Pb.	Width
15026	.02	24.0	38.0	5'
15027	.30-.30	18.7	26.6	5'
15028	.34-.50	7.12	10.9	5'
15029	.54-.52	4.00	6.2	5'
15030	.06	6.04	8.5	5'
Ave	.252	11.97	18.04	

*check notes  
almost 4 along  
Strike?*

Ratio oz Ag / %Pb = 1 / 1.5

Another outcrop of massive galena was exposed approximately one hundred feet to the northwest. Not enough of this showing had been opened up to sample effectively but a previously assayed grab sample gave the following results:

Au	Ag	Pb
.03	32.3	53.1

Float and smaller galena showings are present to the southeast above the main showing but were not sampled at this time.

The width and number of showings together with the gold and silver values obtained make the Cone claims a good prospect for a mine and certainly merits more work. The showings thus far exposed are located on steep hillside. It is doubtful that a bulldozer could work effectively on the claims. Hand trenching together with detailed geologic mapping will be the most effective way initially to determine the extent and size of ore bodies present. It is suggested a program along these lines be initiated for the next year.

*R.D. Wesemann*

October 23, 1962

R.D. Wesemann, Geol. Eng.

← Massive galena

Talus  
Covered  
Hillside

Talus  
Slide



Disseminated galena

Pyrrhotite with galena.

45°

Massive galena

? w/w? Fracture or fault.

Disseminated galena.

# MINERAL SHOWINGS ON CONE CLAIMS

PELLE MINERALS SYNDICATE

SEPT. 21, 1962

R. WESEMANN

SCALE: 1 INCH = 20 FT. (approx.)

Fig. 5

15.

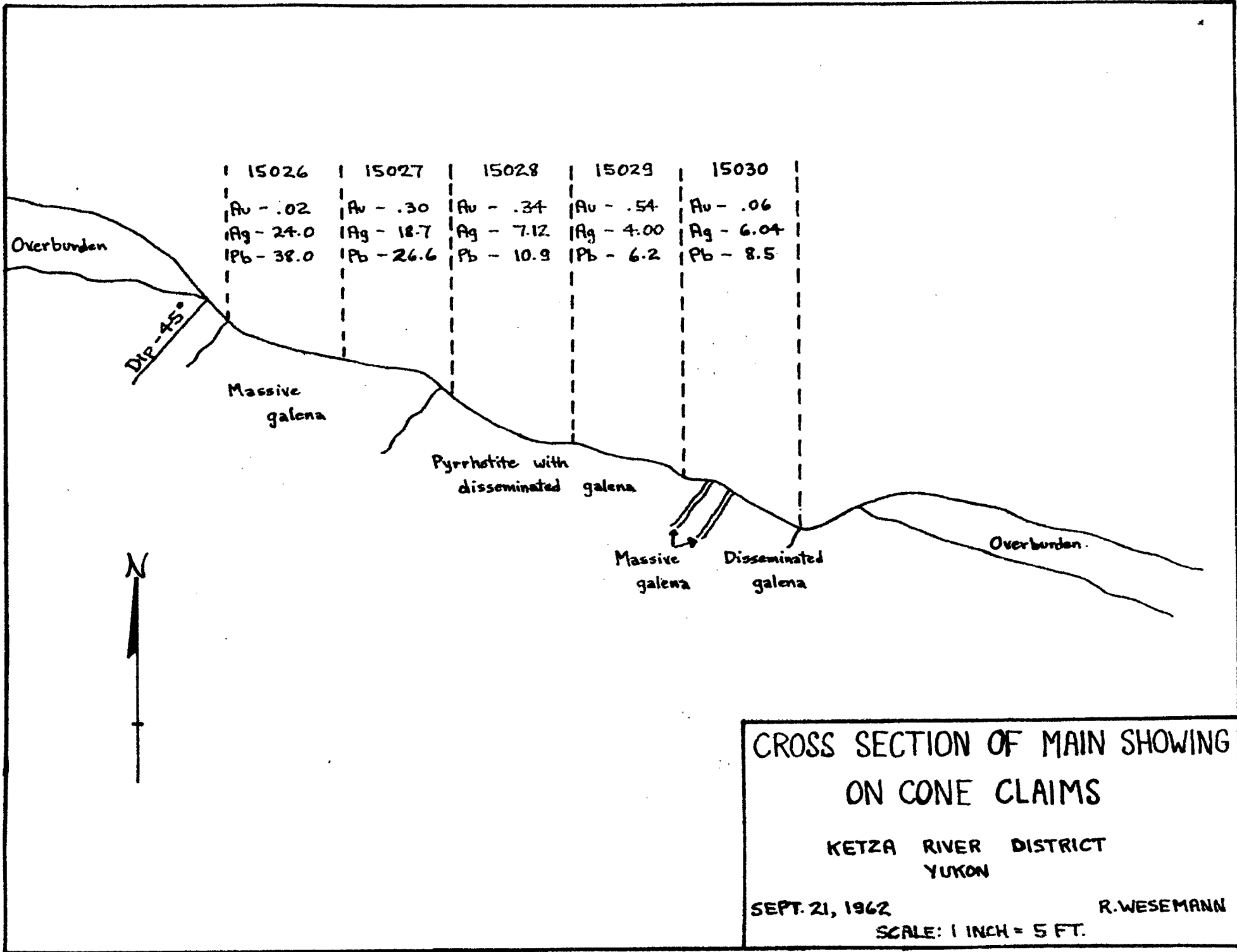


Fig. 6

16.