

Lefebure, Dave EM:EX

From: Cathro, Mike EM:EX
Sent: Friday, July 21, 2000 12:58 PM
To: Nixon, Graham EM:EX; Lefebure, Dave EM:EX
Cc: Schroeter, Tom EM:EX; Brown, Derek EM:EX
Subject: RE: Copper mountain PGE Values

Dave,
 Pd hit US\$765 an ounce today, nearly 3 times the price of Au. The gross in-situ value for 3.25 g/t Pd would be \$72/tonne, not counting Cu, Au etc.

Vic Preto told me of Pt-Pd values at several locations around Copper Mountain. He would be a good person to talk to.

At Afton, Pd and another PGE (which I can't remember) were credits in the concentrate, and that was back in the 1980s when Pd was well under \$100 US/oz. Pd to 0.1 opt is reported from the Makaoo mine in the Iron Mask (check MINFILE) and Teck hit up to 0.1 opt Pd in the nearby Rainbow #3 breccia pipe in 1996-97 drilling (probably not reported in ARs, but Graeme Evans told me). The highest value so far in the current Afton drilling is 0.016 opt Pd (550 ppb) with no significant Pt and no testing for other PGEs.

Also, Don Mustard speaks of locally high Pd values at Lorraine.

Mike

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From: Lefebure, Dave EM:EX
Sent: Friday, July 21, 2000 12:37 PM
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Following information from MINFILE:

Analyses of sulphide concentrate from the mine yielded up to 2.8 grams per tonne palladium and 0.155 gram per tonne platinum. A sample of a bornite- chalcopyrite vein from the glory hole yielded 3.25 grams per tonne palladium (Property File - Cordilleran Roundup 1991, Program and Abstracts Volume).