TOSSES YOU.

Eskay 2003 Exploration Program

The 2003 Eskay surface and underground exploration program consisted of 35,500 metres of diamond drilling. The main focus of the surface program was the 22 Zone, which is situated 2 km south of Eskay Mine site. Drilling also expanded on known resources in the 21C, 21A and 21E zones. At the north end of the deposit, deeper holes were completed to test the area down plunge from the NEX and Hangingwall Zones.

As of Dec. 31, 2002, Hatere rosers were 1.43 Ma Aux 64.4 Min The mill production target for 2003 was 700 tonnes perday, Approx 50% of the one cause from the 21B orebody and is all smelter ore (i.e. direct shippy Hout 25% care from the MAX, zone and was mainly milling one. The mill rate was 330 April. Smetter one is scheduled to cease in 2005, after that, the cut-off of whe mill are will likely rise above the current, 159/t Au. Optimum mill are come From the 109 zone which is nearly mined out. The 44 grebody, Aug in the plunging NEX one of the northern end of the Mine, was added to the reserve base. and will supply high-grade will are. Mining was resumed in the 210 zone; it supplies lower-grade will we betin it in A. Illing continued in the Water Tower zone, a future source of will are in the footvall rhydite. Present will reserves are sufficient to 2008.

Schroeter, Tom EM:EX

From:

Schroeter, Tom EM:EX

Sent:

Friday, November 21, 2003 8:24 AM

To:

'Gale, Dave (Vancouver)'

Subject: RE: Exploration Summary

Thanks, Dave

Tom

Tom Schroeter, P.Eng./P.Geo. Senior Regional Geologist Resource Development Division Ministry of Energy and Mines

Direct Telephone 604 660-2812
Messages & Enquiries 604 660-2708
Facsimile 604 775-0313
email tom.schroeter@gems6.gov.bc.ca
Autotel 604 662-9091

----Original Message----

From: Gale, Dave (Vancouver) [mailto:DaveG@barrick.com]

Sent: Thursday, November 20, 2003 2:45 PM

To: Schroeter, Tom EM:EX

Subject: FW: Exploration Summary

Tom,

Here is that summary you were looking for. The drilling total includes the exploration component of the mine's drilling. The break down is 18000 for us, and 17500 for the mine.

Dave.

<< Eskay 2003 Exploration Program.doc>>

Dave Gale
Project Geologist
Barrick Gold Corporation
Vancouver, BC
604-895-4453

ESKAY (REEK May 03)
"accounts for 41% of andas
Silver production"
(#) 1, hay 9/03)

ESKAY CREEK

- Stephen Orr @ KEG2000: Cash Cost < US#30/gs.
Profit = #120M

Taxes Paid = #49M

FSKAY CREEK

"recent briefing for
mining anal XSTS Barrick - latest dr. 11/1ng
16.7 m (55ft.) e 1.45 opt hu
sw-sure offs- Hather Expl.

ESKAY (REET Mar. 24/65) 2007 - Q3 - Eskay (k. 'Amshed (BAJPW)

ESKAY CREEK (Apr. 183) Past Prod. + Reserves = 2.94 MT @ 43.25 gHALL + 1926 g/t Ag = 3.754 968 oz An +181,488,42 = 3.754 968 oz An +181,488,42 = 3.754 968 oz An +181,488,42

TEMESS - Maurice #thie Minerals with Charles (Smither) Kenter North Res. HM or Auti48 165 Cu US# 125/02 Aasie 350 employees + mgt. JOHAN 153 M-CAP, (2005-2009) Legerve (end-103) Legerve (end-103) Legerve (end-103) Start-up Q4, 2006 Explin \$2.5M(03)-incl. mige Breix [2,1m 459m 1/s (a) theory 2nt (800x Au 1921) Total" (Reservet Recompt // Moz An Ag prod. up & y 8/2 (eg.~477,000 bg) [check 2003 Ann. Rpt.] Stewart-Omineca Ros. Read -100 km - new const. - 430-440M -est. cost 2004 Total Operating lot 181 Payment to Gov't Grown Gog. 4M (36M) 2004! 19MT, - mill 300k Au TSMIksly

Cash cost - 45206/02, net of Cucrelis

Explin Exp = \$2M (eminerity) Lotal \$7M Good Graham-sperations Mgr. Minerals Nath Conithers) - Apr. 15/04 ~350 employed Mre life; 12008 (Incl. ~290 to another) Oraham-sperations Mgr.

Mine life: 12008 (Incl. ~290 to Dec. 27, 2003 : 84M+ 34.6 Standards As. In. Oct. 11. 1200 Tahltons 34% of Cie. bearnes millouly) employed 2004 670 4d (u/b) (370t dired shirt) > 33,000 m sufference of the state of the sufference of the suffe Grale 42.1 Au 2060 Ag Payable Ag = 14,987,000 2 (ash fow us \$1.20) 2 = Total cush as Hart: est. do. 100 = Total cush as Hart: est. do. 100 = Total 654/ Forme now 188.3 Total 654/Tonne non

Pepper McKs Grill ireside Pub . Lodge Case Banquet Facilit . Meeting Rooms Apr. 15/04 2006 m Sofering SM cap told cost to drive out to g Last week-2 rounds of > 30 oft Au grade! (excellent talk!) ne. all put nules water back into Main Zone pil-HUCKLEBERRY - Carl Botharo (Chief Mine Engineer) - 17.05/16 Cu-re-design East Zue pit (200 m deep)
- grinding problems (in embark Index) produ
Concentrate. 11,500 t/me. 20380 M 16 (n/y SOURTH BOOK Ag ENDAKO: Alan Marish + So) itz Noble Hlys Corp farmer Nisshotum.

- great aerial photo 300m deep - 27,200 tpd - present capacity - 230 employee

- Denak west pit (not (xot) devel.) Av. grad 123% Mo Sz Reaver 1 80

* yet engines (Ni-mo allow) (i.e. 1 ibmoftonse fore) I voto M lbs/yrd

* nestical implants (G-moallow)

In-Pit Crusher: saved + corts of harders to and about the A In-Pit Crusher: saved ± costs of haulage terushing (without) US/16 Aug to 914 (Apr.) Reserves July Spring person & wall (Min son) Hudson Mine life- 7 415- (ke. 2011)

ESKAY CREEK Nov. 14/03 - chat with Rob Brown (Mgr.) + Dave Gale (in barrick Offer Sconnection anomaly (~600 dap)

= \frac{1}{2} explin ddh (+otal ~ 17,000m)

around mines, te, in its support

to replentish reson rest. around mines, te, in its support - inel. regourse dr. 1/1, ng (announce later, Spring 64?) CONFIDENTIAL 21() 22 Zord English - Winter of deh program to fill - Min. - very simply to 210 Zone de struct weelly controlled 5thuk (cf. stratelyound um) all within thyolite. Mc kay AA, Y - geometry of 22 Zone Still not certain - overall 'trend' of him, I is NW, but there are sig, NE structures. - Excellent high grades locally (eq. > 20g/tover > 10m) - Stibnite + telrahet te + fy - tried ground gravity & I P surveys (E-w) - whole - 200+ 7 plan fo test entire claim black south of mine to Mikay adit boundary, esp., on the eastern limb (no previous explin)

ESKAY CREEK Session San. 28/99 - talk by Carl Edmunds (moving to Kens, Nr.) 1998 Highlights: high grades ie 1.6 ght Au; 70.9 ght of Prod. > 505,000 02 Au equiv.

(ash operating cost = #US 138/02

(250 tennes) 275 targlang - direct shipping are Total Costs (Lit)

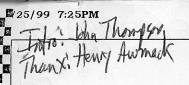
(150 tennes) 165 tars/day mill # =#93M Since Start up (1995) - produced a / Mor Aut 45.5 Mas Ag. (OR ~ 1.8 M or Au equiv.) Ag: Au = 55:1] -Total Resources (Prod. thes.) = 6,5 Moz Au equil. goz Au equir metre of drilling (costs) - Current n.ll feed from 109 and NEX zones. * KAY claim (within 200 m of one-grade intercept, immed. WWW of HW/NEX zones > underpins 'opportunities' in BC! Order of the Reserves; 1, 218 (75%) > 2, 109 -> 3, NEX-71HW-5, 21C * 1998 Success; a) # 4 Stope (21 B zone) eg. some intercepts > 300 glften
36,376 tons @ 3,19 opt hu and 129.4 glften

Some intercepts > 300 glften

10,000 oz fu and 4,5 Moz Ag 7

10,210 Zone; 334,000 tons @ 0,48 opt fut 8,9 glften

10,6 gl 1999 Plans; i) Bulk sample of 21 C zone



MEG LUNCHEON

Wednesday, March 3, 1999, At the Georgia Hotel

The Eskay Creek Mine:

Review and Update of Exploration and Production in an Unusual VHMS Deposit

Tina Roth, Mineral Deposit Research Unit, UBC, John Dadds, Homestake Canada Inc.

Stratiform gold and silver rich mineralization in the Eskay Creek deposit has attracted much interest since its discovery in 1988. The deposit, located 85km northeast of Stewart, British Columbia has been in production since December 1994. It is 100% owned and operated by Homestake Canada Inc. since the recent amalgamation between Homestake and Prime Resources Group Inc. To the end of 1998, the mine produced 934,631 ounces of gold and 45.5 million ounces of silver from 502,794 tons of ore. Proven and probable ore reserves at the beginning of 1999 are 1.5 million tons grading 1.68 ounces/ton gold and 72.7 ounces/ton silver.

Based on its environment of deposition, geometry, and associated footwall alteration, the orebody is classified as a volcanic-hosted massive sulphide deposit. However, it has several characteristics which are unusual for typical VHMS deposits, including high concentrations of precious metals, association with a more typically epithermal element suite (Sb-Hg-As), low temperatures of formation, and dominantly clastic sulphide-sulphosalt stratiform ore. Stratiform mineralization is hosted in marine mudstone at the contact between underlying rhyolites and overlying basalts which form the uppermost unit of the Lower to Middle Jurassic Hazelton Group.

Mineralization at Eskay Creek is divided into a number of sub-zones distinguished by varying mineralogies, textures, host-rocks, and ore grades. The bulk of the ore is hosted in the stratiform 21B zone comprising mainly bedded sulphide-sulphosalt clasts with localized replacement by Pb-rich sulphosalts and stibnite. At the same stratigraphic horizon as the 21B zone are the NEX zone (the north extension of the 21B zone), the 21A zone (characterized by As-Sb-Hg sulphides), and the barite-rich mudstone-hosted portion of the 21C Zone. The "hanging wall" (HW) zone occurs in mudstone stratigraphically above the 21B zone, as a localized body of base-metal-rich, relatively precious metal-poor, massive sulphide. Stockwork-vein and finely disseminated, discordant mineralization occurs in the footwall rhyolite in the 21C, Pumphouse and 109 zones. The Pumphouse and 21C zones are characterized by very finely disseminated sulphides in sericitically altered rhyolite. The 109 zone comprises quartz veins with lesser sphalerite, galena, pyrite, chalcopyrite and electrum associated with abundant carbonaceous material.

Exploration in and around the mine since 1995 has focused on definition of known zones and expanded drilling in poorly understood areas. This strategy resulted in successful expansion of mineable reserves in the 21B zone, delineation of the 109 zone, and identification of the NEX and 21C zones. The deposit currently has a higher reserve base than at mine opening.

Initially, production and reserves included only ore in the 21B zone, which is crushed, blended and shipped directly to smelters in Eastern Canada and Japan. With the construction of a 150 tonne per day gravity-flotation mill in 1997, millable ore from the NEX and 109 zones was added to the reserve.

The epithermal element suite associated with the 21 zone and the high precious metal content of the ore may be explained by hydrothermal deposition in a relatively shallow water environment. Textural variability in the clastic ore may reflect a variety of depositional mechanisms related to sedimentary and/or hydrothermal eruptive processes.

Wednesday, March 3, 1999 at the Georgia Hotel, 12 noon RESERVATIONS ARE REQUIRED

Please fax your reservation to the MEG reservation committee at 775-0313 no later than Monday, 10:00 AM, March 1, 1999.

Visit the BC and Yukon Chamber of Mines Web Page @ www.bc-mining-house.com for a listing of MEG talks and copies of abstracts

1.36 Mt

MEG Vancouver Mining Exploration Group

Geochson ESKAY CREEK MEG (Mar 3/99) Schools 1) 200-180 Mai vole - veils + por 2) 170-180 Mai Eskay Ck. fmm 175 Mar Phy in FW 3) Cret. : Detmin, taking Sed textures IM SZ1145 + facies variables (lateral) Dones on prop * loadstreatures DIX-sec. look W Long, Sec.) * rip up clasts of mudstane (+ they frags) DSan A-A Hapsally notwards - fine fly layers al zones (4) See B-B1 -> sul. dop/shed off into northword-trough trough - stibute replacement at later stage. (good for all incl. 21c + HW 109-love - amont carbon in rhy. (b) Selm C-C1 210 - extrevely figr. Sul. in interse serialized ray, DEW, HW DHW Zone NEX - more Massive syl, - crossed by stringer of CPY (rel. to younger HW min.) 2(Staged) model HW- more class c VASS Kithigr Attack Post X cut cy. - very for temp of Fam: 120-2108 (fluid inclusions)
- clastic sul, ore (reworked) US 140-150 Joz Au Gan -Sulphides rounds on seaf for-broken up by

hydrothernal, activity

- depol mudstane waning new system = Hydrone. Q. Atta in HW? (hosted in basalts) - no feeder style! PRODUCTION (Padde)

1200 00 to the state of the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of high buy grade penalty elember 10 to the state of the state of the state of high buy grade penalty elember 10 to the state of the state of

Geochron ESKAY CREEK Mer 3/99) Schools 1) 200-180 Mai vole - veins + por 175 Ma- Phy in FW 2) 170-180 mai Eskay Ck: fm m 3) Cret. i Vermin, falding Sed texture 2nd / SLIVES * facies variation (lateral) D Zones on prop * loadstimperfures DIX-sec. look W I rip up clasts of mudstane (+ rhy. Frags) \$ 500, A-A - (21 zone) Hafrally notwards - fines layers (4) Sec. B-B1 -> sul dop/shed off into northword-trouding trough - stibute replacement at later stage. (good for all incl. 21c + HW 109-love - amont carbon in thy.
-VG ingtz veins in the (b) Selm C-C1 NEW, HW DHW Zone 210 - extrevely figr. Sul. in interse serialist ray, NEX - more Massive syl, - crossed by stringer of CPY (rel. to younger HW min.) I Stoged) model HW- more class white they ptanstost X-cut cay. - very for temp of Fami 120-2108 (fluid inclusions)
- clastic sul. ore (reworked) W5 140-150 Joz Augu -Sulphides, sounds on seaf loor-broken up by

hydrothernal, activity

- dop, of muditane - waning - new splem = Hydre, p

popular of source - waning - new splem = Hydre, p

against died 365, not - mill

hy meig - 22' 1 Hy X 902 Aylandrilles

heb-22' 1 Hy X 902 Aylandrilles

heb-24' 1 Hy X 902 Ayl (hosted in basalts) 1 - no feetder style! Q. Exply patendial Q. Arzonaly. (very rare) LQ. Increase through thru mi