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JOS → QR

Roundup '96
- Core Shack

KINROSS
Gold Corporation

QR MINE

SUMMARY DATA FOR THE QR MINE-JANUARY 1996

-Located in the Cariboo plateau region of central British Columbia, 58 km southeast of Quesnel, B.C. and 10 km west of Quesnel Forks, latitude 52 deg. 41 min. N and longitude 121 deg. 47 min W on NTS map 93A/12.

-Discovered in 1977, exploration drilling comprising 66,000 metres of diamond drilling, and 4300 metres of percussion drilling, between 1977 and 1991 outlined three separate ore bodies.

-The deposit is described as a "subclass of gold skarn deposits" (Fox, 1995) found in a metamorphic aureole around a central diorite stock, where bodies of gold-bearing epidote-rich skarn and auriferous mantos rich in epidote and pyrite have formed in beds of calcareous tuffite lying at the top of a thick basaltic sequence.

-Mineable Ore Reserves estimated at 1.3 million tonnes grading 4.6 g/tonne gold, in three zones termed the "Main", "Midwest", and "West".

-Mining is by open pit for the "Main" zone and part of the "West" zone, and by underground for the "Midwest" zone. Currently only the "Main" zone is being mined, while plans are in preparation for mining the other zones. The mining rate is planned at 360,000 tonnes per year of ore. The strip ratio for the Main zone is 5:1, while the West zone is expected to be about 10:1 waste to ore.

-An ongoing exploration program has confirmed the extension of the Main zone at depth to the east, however the focus of the program is to outline near surface reserves amenable to open pit mining.

-After construction during fall 1994, and spring 1995, of a 1000 tonne per day concentrator, production of gold bullion began in June 1995. Capital cost of the project was C\$25,000,000. The monetary benefit to the regional economy for wages and supplies is estimated at C\$14,000,000 annually.

-Conventional crushing, grinding, gravity separation, and carbon-in-pulp cyanide leaching, with electrowinning, and on-site refining of dore' bars, are the processes employed to extract the gold and minor associated silver.

-Production is forecast at 44,000 ounces of gold, and gold equivalent silver, per year, from 360,000 tonnes of ore.

-Tailings is deposited in a "zero discharge" impoundment adjacent to the mill. All "potentially acid generating" waste rock is also submerged within the impoundment area. Waste rock is used to build the tailings dams, along with local glacial till material.

-For reclamation, 250,000 cubic metres of soil has been stockpiled to cover disturbed areas on closure. The pit and underground workings will be flooded at closure, and the area returned to a forestry/wildlife habitat use. The impoundment will remain as a shallow 16 hectare lake, with tailings permanently submerged.

-The mine employs 40 full time workers, with an additional 20 Contract mining personnel. Workers reside in Quesnel, B.C. and commute 70 km by forest service road daily. A rotation of eight 12 hour shifts followed by eight days off is the primary work schedule.