



**1141.54g/t GOLD (33.33 OUNCES PER TON) ACROSS 2.0m**

**ROXMARK REPORTS BONANZA-GRADE GOLD ZONE  
AT HARDROCK PROJECT JOINT VENTURE WITH PREMIER**

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**Toronto, Ontario, September 14, 2009. Roxmark Mines Limited (TSXV–RMK) today announced that ongoing drilling at the Hardrock Project by Premier Gold Mines Limited (TSX – PG) as operator has intersected a new and potentially high-grade gold structure located in close proximity to the EP (open pit) Zone. Several holes have intersected this new zone with grades up to 1,141.54 grams per tonne gold (g/t Au) or 33.33 oz/ton across 2.0 metres (m). In addition, ongoing drilling at the New North (‘NN’) Zone continues to define higher-grade, underground-style, gold mineralization. Roxmark has a 30% carried interest in the Hardrock Project.**

**High-Grade Intercept**

A new structure containing high-grade gold mineralization has recently been identified immediately north of the EP Zone, and in close proximity to existing mine workings. This new intercept is marked by high-grade, narrow vein-style, gold mineralization similar to several of the high-grade mines located in the Beardmore-Geraldton Greenstone Belt, including the Little Long Lac and Magnet Gold Mines located on the Hardrock Project.

**Hole EP105 has returned one of the highest ever gold results from drilling in the entire district with an intersection of 1,141.54 g/t Au (33.33oz/ton) across 2.0m (6.6 feet) including 2,535 g/t Au (74.02 oz/ton) across 0.9m (3.0 feet).** Several additional holes are believed to have intersected this structure, including OR005, located approximately 35 metres down-dip of EP105, which assayed 12.99g/t Au (0.38 oz/ton) across 1.5m (4.9 feet); EP107, located approximately 100 metres along strike to the east and up plunge EP105, with assays pending; EP108, located approximately 150 metres along strike to the east and up-plunge of EP105, with assays pending; EP064, located 50 metres along strike to the west, which assayed 20.10 g/t Au (0.59 oz/ton) over 0.7m (2.3 feet); and OR002, located 50 metres along strike to the west and down plunge, with assays pending. Detailed drilling of this new discovery is now underway.

“Intersecting such high-grade mineralization is always encouraging.” stated Stephen McGibbon, Premier’s Executive VP and COO. “We know that this camp has a history of high-grade mineralization and an intercept like this can have important implications for us if we can confirm some continuity to this structure.”

**NN Zone**

The NN Zone is located along strike from, and within, the same iron formation that hosted the North and West Zones at the historic mine. Numerous intercepts into the NN Zone have now

defined a zone displaying similar grades over a plunge length of approximately 350 metres with intersections up to 8.25g/t Au (0.24 oz/ton) across 7.3m (23.9 feet).

During production, the North Zone was mined to a depth of 610 metres (2,000 feet) resulting in the recovery of 2.97 million tons with a recovered grade of 0.22 oz/ton (7.54g/t Au), while mining at the West Zone resulted in the recovery of 532,254 tons with a recovered grade of 0.23 oz/ton (7.85 g/t Au).

#### New Sub Zone Intercepts within the NN Zone Target Area

Hole-ID	UTM Coordinates (m)	Dip/Azimuth (degrees)	From (m)	To (m)	Interval (m)	Grade (g/tonne)	Interval (ft)	Grade (oz/ton)	Zone
MM019	5502880 N 503849 E	-50/360	215.8	216.7	0.9	9.16	3.0	0.27	NN
			235.4	236.5	1.1	1.23	3.6	0.04	NN
			242.9	244.2	1.3	6.98	4.3	0.20	NN
MM022	5502862 N 503806 E	-50/360	245.4	251.6	6.2	8.20	20.3	0.24	NN
MM023	5502901 N 504027 E	-50/360	186.0	193.3	7.3	8.25	23.9	0.24	NN

\* True widths estimated at approximately 70% of intersection widths

Ongoing work at Hardrock is testing both open pit and underground-type targets. The SP Zone is an underground target where recent drilling has returned intersections that include 6.60g/t Au across 32.6m and 6.63g/t Au across 28.1m. The EP Zone is one of several potential open pit zones being detailed in preparation for the completion of an NI 43-101-compliant resource calculation expected to be completed in Q4 2009 (initial open pit resource).

Significant potential exists for developing resources in several areas including:

- Open pit-style mineralization at sites where historic resources were partially delineated by previous operators, in addition to newly defined mineralization at the Tenacity, EP and Kailey Zones;
- Numerous surface and historic high-grade gold intercepts throughout the large property package that have received little to no follow-up;
- Historic resource blocks reported to remain within the mine workings, including high-grade vein targets; and,
- The main mined zones which remain open below the 600m level.

Open pit style mineralization has been and is being intersected in several areas, including the Kailey Zone where drilling has intersected up to 1.47 g/t Au across 162.0 metres (m) and 2.16g/t Au across 92.2m, the EP-Zone where drilling has intersected up to 7.60 g/t Au across 20.5m and 2.37g/t Au across 62.7m, and the Tenacity Zone where drilling has intersected up to 15.97g/t Au across 32.1m and 4.13g/t Au across 18.9m.

Additional potential exists to define high-grade, narrow vein-style, gold zones similar to the EP105 intercept. Historic work indicates that a second high-grade, narrow vein-style gold zone was identified in the mine, and intermittently delineated over a plunge length of some 1,100 metres (3,800 feet) with drill intercepts that include 112.5g/t Au (3.28 oz/ton gold) across 1.2m and 88.5g/t Au (2.58 oz/ton gold) across 1.5m. This style of mineralization is similar to that mined at two of the nearby mines on the Hardrock Property: the Little Long Lac Mine (past production of more than 600,000 ounces of gold at an average milled grade of 11.66g/t Au); the

Magnet Mine (past production of more than 150,000 ounces of gold at an average milled grade of 14.4g/t Au); and the Leitch Mine (past production of more than 920,00 ounces of gold was recovered at an average milled grade of 31.54g/t Au (0.92 oz/ton).

The Hardrock Project is host to several past-producing mines which collectively produced nearly 3.0 million ounces of gold, primarily from relatively shallow depths (600 metres), from 1938-1968. Importantly, the Hardrock Project has the potential for defining several styles of mineralization capable of hosting resources, with grades and widths similar to many of Ontario's major gold mines including open pit-style mineralization with grades exceeding 1.5 g/t Au (Timmins, Hemlo), broad zones of mineralization with grades averaging 5.0+ g/t Au (Musselwhite), and narrow vein zones with higher gold grades often exceeding 7.0g/t (Red Lake, Pickle Lake). The Hardrock Project benefits from development advantages with the Trans-Canada Highway, Trans-Canada Pipeline, and major power lines running through the centre of the property.

Stephen McGibbon, P. Geo., is the Qualified Person for the information contained in this news release and is a Qualified Person within the meaning of National Instrument 43-101. Assay results are from core samples sent to Activation Laboratories, an accredited mineral analysis laboratory in Ancaster, Ontario, for preparation and analysis utilizing both fire assay and screen metallic methods.

### **About Roxmark Mines**

Roxmark Mines Limited is the leader in gold and molybdenum exploration and development in the historically significant Geraldton-Beardmore area of Northwest Ontario. In addition to the Hardrock Project in the Geraldton Camp, Roxmark is pursuing a number of initiatives in the Beardmore Camp, including re-opening the Northern Empire Mine and its onsite mill and expanding the resource base at the Leitch-Sand River Mine. In recent years, Roxmark has generated cash flow from bulk-sampled gold and molybdenum processed at its fully-permitted mill and has the advantage of infrastructure from nine formerly highly productive gold mines located on its properties. These mines previously produced nearly four million ounces of gold from high-grade ore but were closed primarily due to boundary issues and dramatically lower gold prices at the time.

Further information is available on the Company's website at [www.roxmark.com](http://www.roxmark.com) and on SEDAR under the Company's profile at [www.sedar.com](http://www.sedar.com).

### **Forward-Looking Statements**

This news release includes certain "forward-looking statements". Such forward-looking statements involve risks and uncertainties. The results or events predicted in these forward-looking statements may differ materially from actual results or events. Any forward-looking statement speaks only as of the date of this news release and, except as may be required by applicable securities laws, the Company disclaims any intent or obligation to update any forward-looking statement, whether as a result of new information, future events or results or otherwise.

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