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Trading Symbol:

SRJ: TSX Venture Exchange

2012 Exploration Program Commences

Vancouver, B.C. – Spearmint Resources Inc. (TSX.V – SRJ) (the "Company") has commenced its 2012 exploration program at its Otter precious metal project north of Princeton in southern British Columbia. A 15.4 line kilometre ground induced polarization (IP) survey will commence at the end of the month, with the preliminary line cutting commencing this week.

The IP program will consist of nine 1,600 metre lines across Grid E spaced at 150 metre intervals. Grid E covers a 1,700 metre section of a regional lineament that transects the entire 5,296 hectare property. The entire 1,700 metre length of the lineament through Grid E is anomalous in gold and silver, as well as several indicator elements for low sulphidation epithermal precious metal deposits. The width of the main linear anomaly ranges from 100 to 200 metres. There is also a second 800 metre long linear that appears to be a north trending splay from the main linear anomaly approximately midway up the grid. The splay ranges from 25 to 200 metres in width. There are also indications of parallel linear anomalies on the eastern side of the grid, but they are not as pronounced as the main anomaly.

The IP survey will be focused on locating high resistivity zones at depth with the soil anomalies which may be indicative of quartz veining or silica alteration that is often associated with precious metals mineralization with low sulphidation epithermal systems.

The Otter property lies at the southern end of the Cretaceous Spences Bridge Gold Belt (SBGB). The SBGB is the site of continuing exploration for epithermal precious metals. Successes include the following: Almaden Minerals Ltd.; the Skoonka Creek property where drilling intersected 20.2 grams per tonne Au (gpt) over 12.8 metres; the Berkwood Resources Ltd. Prospect Valley property with a 43-101 inferred resource of 10.07 million tonnes at 0.511 gpt Au; and the Westhaven Ventures Inc. and Strongbow Exploration Inc. Shovelnose property where drilling intersected 0.21 gpt Au over 55.8 metres. The Company has not verified these results. These results may not be indicative of similar mineralization on the Otter property.

R. Tim Henneberry, P.Geo. (British Columbia) a consultant to Spearmint Resources Inc. is the Qualified Person who has reviewed and approved the technical data in this news release.

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