



Big Valley Resources Inc.

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Introduction

Big Valley holds several large mining properties in the Cariboo District of British Columbia, each of which has the potential to host significant lode copper-gold and placer gold reserves. Currently, the company is focusing its efforts on the 9,500 acre Lloyd -Nordik property, which adjoins the Mount Polley property of Imperial Metals Inc. The Mount Polley deposit contains a published reserve of 48-52 million tons grading 0.37% copper and 0.54 g/tonne gold.

In late 1993 and early 1994, Big Valley began exploration on its 100% owned Lloyd property, in an area located approximately one kilometer north of the main Mount Polley orebody. *Geophysical surveys and diamond drilling have led to the recent discovery of a magnetite, chalcopyrite, gold-bearing breccia similar to the breccia that hosts the Mount Polley orebody.* Diamond drilling intersected up to 1.9% copper and 1.4 g/tonne gold over 31 meters. Drilling was completed in early August and has now tested the only the fringe of a large anomaly of coincident high magnetics and high IP chargeability.

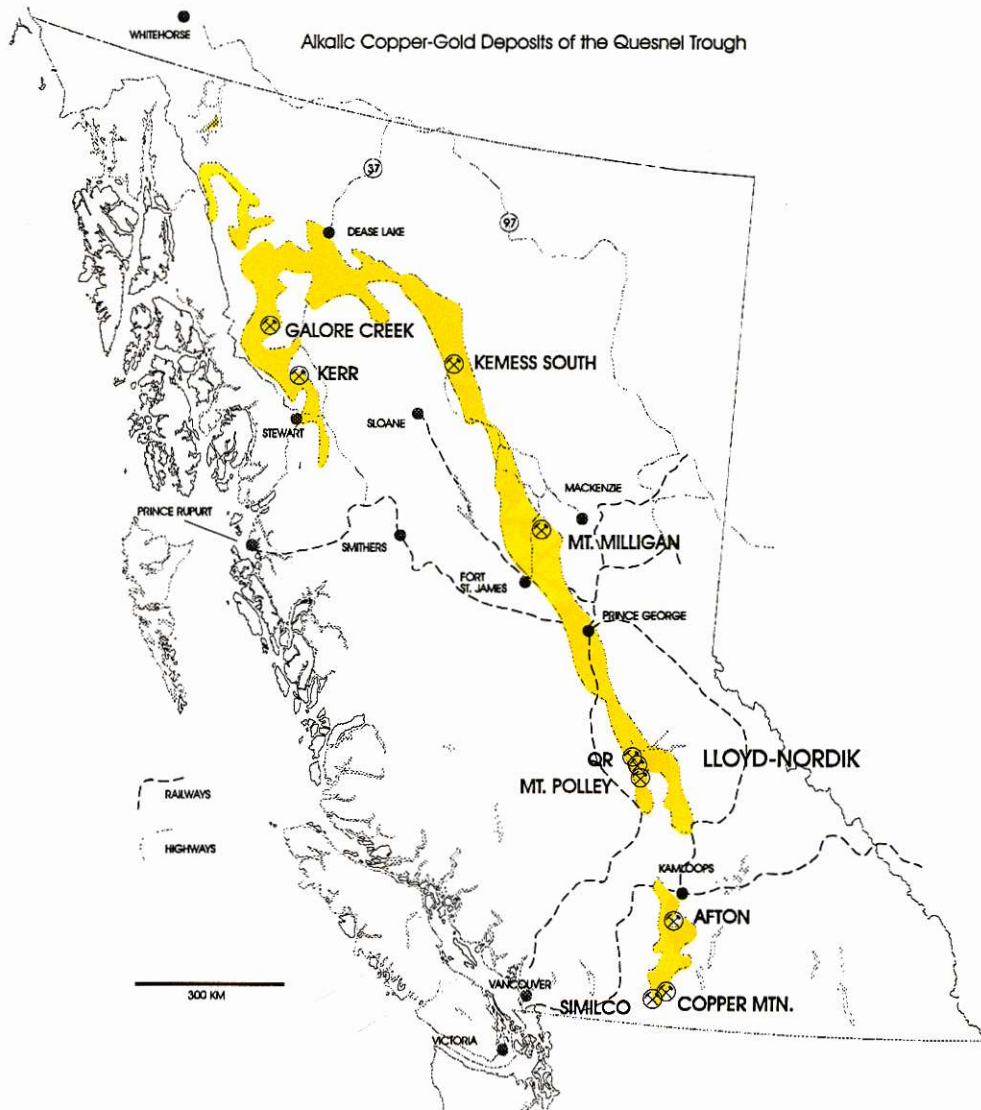
Geological consultants to Big Valley have recommended a comprehensive exploration survey of the Lloyd-Nordik property, and further diamond drilling of the Lloyd discovery. The management of the company intends to immediately contract for the extension of the geophysical, geochemical and geological surveys that led to the discovery of the Lloyd zone.

The Target: A High Grade Copper-Gold Porphyry Deposit.

Copper and copper-gold porphyry deposits form the backbone of British Columbia's important, worldwide mining industry. Historically, the copper deposits have received the most attention. However, the rise in gold prices of 20 years ago, and the greater understanding of the geology of copper-gold deposits, has led to a surge of activity in the Quesnel Trough. The Quesnel Trough is a prolific host for gold rich copper deposits, due to the presence of strong, regional scale fault struc-

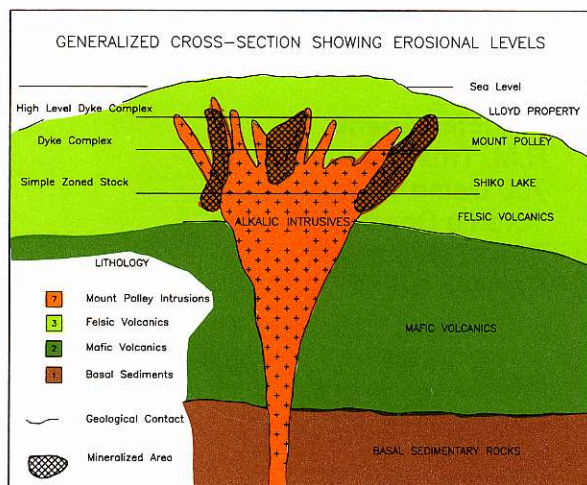
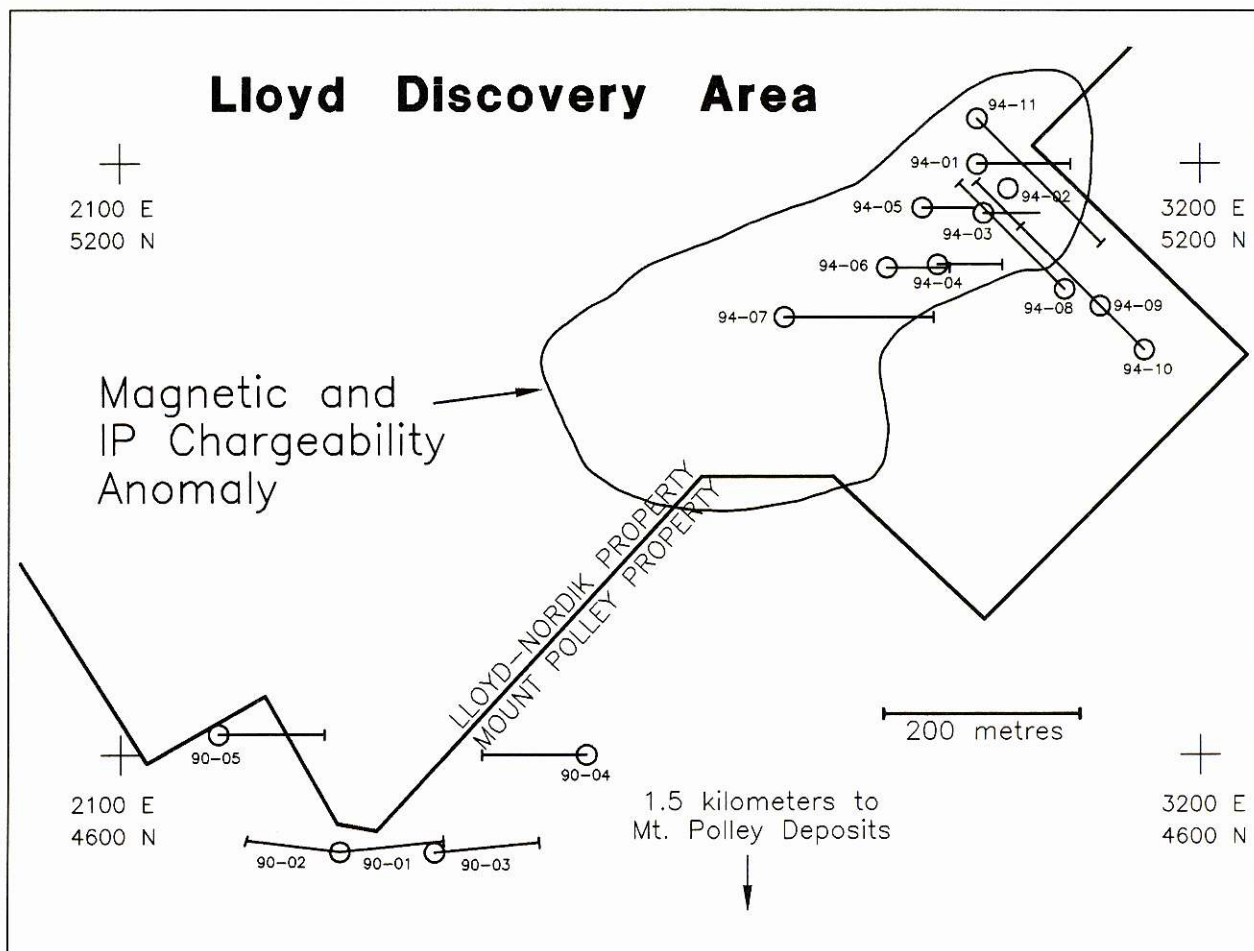
tures and associated alkalic suite intrusions and volcanics. The map shows the principal alkalic copper-gold porphyry deposits in relation to their related Quesnel Trough rocks. Not all parts of the Quesnel Trough are created equal: those portions of the trough located to the south of Prince George are favored with a close proximity to hydroelectric power, railways and skilled populations of workers. The Lloyd-Nordik property enjoys these benefits, and in addition, adjoins the Mount Polley and QR deposits, both of which are at the permitting stage of mine development. Also, the Lloyd-Nordik is close to the mine/mill facility of Gibraltar Mines Ltd.

Alkalic copper-gold porphyry deposits possess a rare geological signature. Typically, they are emplaced in the upper levels of complex intrusive/volcanic centers, and are closely associated with fault structures, high level dykes and hydrothermal breccias. Ore grade deposits occur as clusters of individual mineralized bodies. The specific intrusive and hydrothermal chemistry of these alkalic deposits yields very high gold grades in relation to their calc-alkalic cousins. Coproduction of copper and gold typically yields very competitively low costs for copper per pound and gold per ounce, in relation to other large mining competitors. The better alkalic deposits will yield high, world scale rankings for gross production of both copper and gold, individually. Importantly, as gold deposits, most of the alkalic porphyry deposits contain between 25 and 200 metric tonnes of gold. The QR and Mount Polley deposits are emplaced in the upper levels of the Mount Polley and related intrusive volcanic complex. The Mount Polley intrusions invade volcanic rocks of similar age and composition. The schematic cross-section shows the geological relationships between the Lloyd discovery and the Mount Polley deposits. Importantly, analogous to the Copper Mountain Simileo deposit cluster, there is also a good potential for multiple bodies of economic copper-gold mineralization at Mount Polley and Lloyd-Nordik.



**Selected Alkalic Porphyry Copper Deposits
of the Canadian Cordillera**

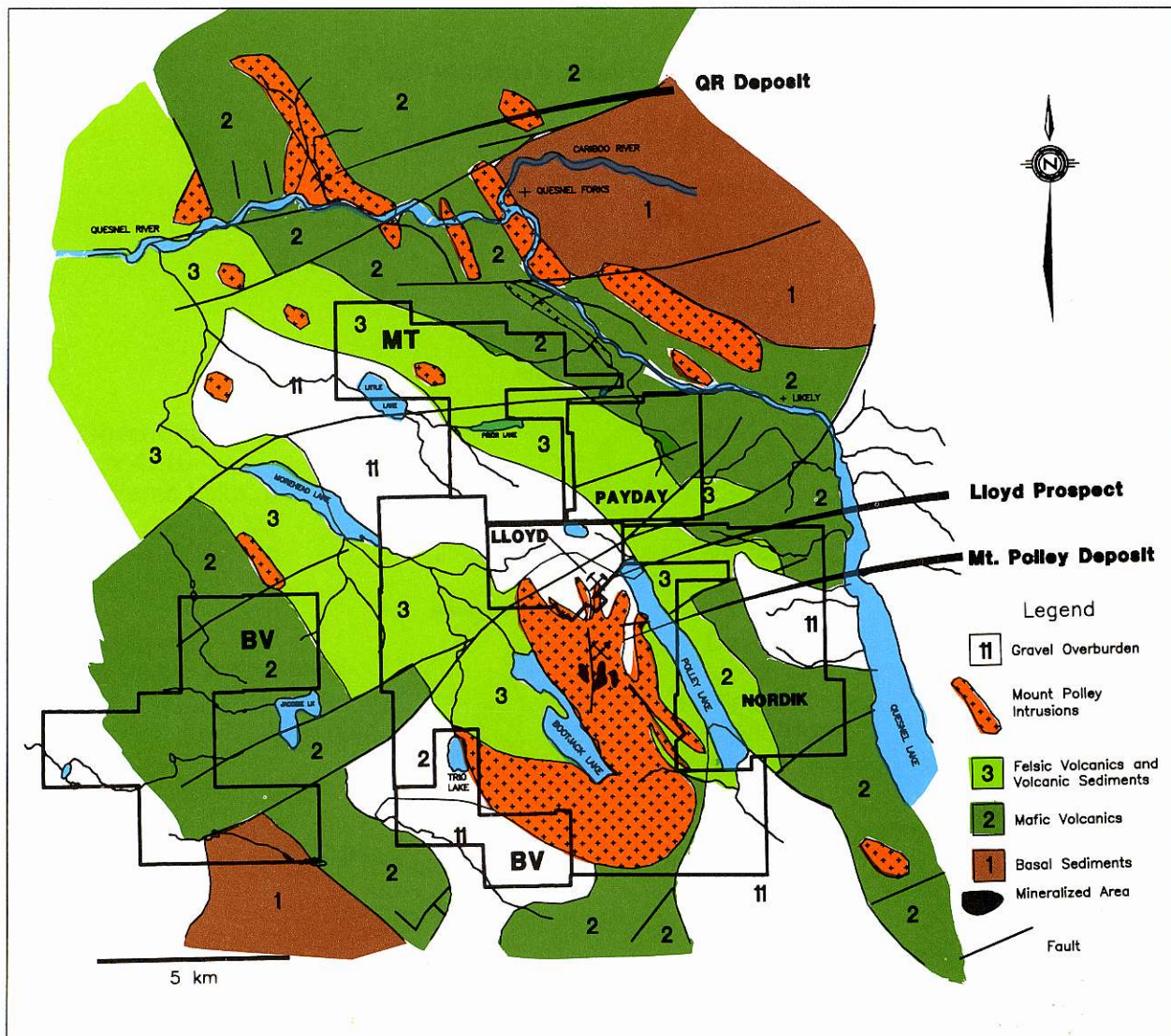
Deposit	Size millions of tonnes	% Copper	Gold (g/t) Recovered	Contained	Contained Gold (tonnes)
Galore Creek	125.0	1.06	—	0.400	50.0
Kemess South	200.4	.22	—	.630	126.3
Kerr	114.0	0.61	—	0.270	30.8
Mount Milligan	417.0	0.22	—	0.490	204.3
Mount Polley	48.0	0.44	—	0.583	28.0
Afton	66.0	0.77	0.46	0.560	37.0
Copper Mountain	32.0	1.08	0.19	—	6.1
Similco	141.0	0.47	0.13	—	18.3
Average	143	.61	—	—	62.6



The Lloyd Discovery.

The current phase of exploration of the Lloyd claim began in late 1993. Previous geophysical surveys of Mount Polley were re interpreted and new magnetic surveys run. The new work resulted in the identification of a large, coincident IP chargeability and magnetic anomaly on the Lloyd 1 claim. *Big Valley Resources has recently drill*

tested the eastern extremity of the anomaly, and reports the discovery of a strongly altered and copper-gold mineralized breccia. Extensive diamond drilling is required to define the grade and geometry of this type of breccia mineralization. Results from the initial program, completed in August, are very encouraging. Eleven diamond drill holes were completed, totaling 2,353 meters in length. Numerous mineralized intersections were obtained, containing up to 1.9% copper and 1.4 g/tonne gold over 31 meters in magnetite-chalcopryrite breccia of diamond drill hole 94-3. The Lloyd zone is a very significant discovery because it lies one kilometer north of the Mount Polley copper-gold deposits and is contained within a similar assemblage of host rocks, breccias and alteration. The Lloyd discovery lies within on the northern and upper fringe of the Mount Polley intrusive stock, in an area of mixed volcanic and intrusive rock. This favourable geological setting extends in a belt for ten kilometers to the northwest of the Lloyd, all on ground controlled by Big Valley Resources



1994/95 Exploration and Drilling Program Recommendations.

With the success of the initial program on the Lloyd claim, the management of Big Valley Resources plans to drill the Lloyd discovery and to expand exploration work into other favorable targets on the Lloyd-Nordik property.

The Lloyd discovery area requires more diamond drilling to define the geometry and grade. Drilling is planned to follow the zone westward. Geophysical, soil geochemical and geological mapping surveys are planned to define additional anomalies and drilling targets on the balance of the MT, Payday and Lloyd-Nordik claim blocks. Most prospective is the ten kilometer long belt on Big Valley Resources ground between the Mount Polley and QR deposits.

The MT claims of Big Valley about the Lloyd-Nordik claims on the north and lie near the QR gold deposit. The geological setting is similar to the QR, and a comprehensive program of geological mapping and soil geochemical surveys is planned. The QR gold deposit responds strongly to geochemical surveys and it is expected that the method will be applicable on the Big Valley ground as well.

The company's consultants have recommended a budget of \$750,000 for the next stage of the program; which is part of a total program of 1.5 million dollars. Completion of this work will give the management of Big Valley the comprehensive base of information it requires to negotiate the best terms for a joint venture with major mining company for the further exploration and development of the properties.

BIG VALLEY RESOURCES INC.
ASE trading Symbol:BV
Corporate Profile and Fact Sheet - April 1994.

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David Horst	Director
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Listings:

Alberta Stock Exchange
Trading Symbol: BV
12G3 - 2(B) Exempt Number 82-1600
Securities & Exchange Commission
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Share Capital:

Authorized:	30,000,000
Issued:	10,595,730

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