

ECSTALL MINING CORPORATION

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KECHIKA TROUGH ZINC PROJECT

Ecstall's **Pie**, **Akie**, **Yuen-Noel** and **Kwadacha** zinc properties are located in the prolific **Kechika Trough** zinc district of northeastern B.C. This world class (sedex) lead-zinc district, dormant since the 1977-82 period when exploration work was intense and the major regional scale mineralized trend first recognized, has experienced renewed activity in 1989 with several significant projects being carried out.

Numerous significant (Red Dog type) barite-lead-zinc deposits, such as the +30 million ton (8.6% zinc, 3.5% lead) **Cirque** deposit, occur there in the regionally extensive and highly prospective Devonian age **Gunsteel Formation**. The **Cirque** deposit, recently referred to in the Northern Miner as "Canada's largest undeveloped zinc resource", is being aggressively developed by the major zinc mining company, **Curragh Resources Ltd.** who have built 30 km of access road, driven a 3000 foot adit, and are presently taking a 3000 ton bulk sample. This \$8.4 million reserve development programme is due to be completed by the middle of the year and production should start by early 1992 after capital expenditure of \$109 million.

Curragh also owns the similar but under explored **Elf** and **Fluke** barite-lead-zinc sedex deposits, located further south along the **Gunsteel Formation**, which undoubtedly will undergo intense exploration once the **Cirque** project is in production.

On the **Mt. Alcock** barite-lead-zinc deposit, located 15 km north of **Cirque**, **Teck Corporation**, through **VSE** listed junior **Triumph Resources Ltd.**, has carried out a significant sampling, geophysical surveying and diamond drilling program in 1989. A lead zinc soil sample and coincident IP geophysical anomaly, over 2500m long, has been outlined. Seven drill holes were completed to test a 200m strike length of the mineralized zone and the best drill hole assayed 3.84% Pb, 5.5% Zn over 8.8m including 4.5% Pb, 9.7% Zn over 3.6m. An aggressive drilling program is planned for 1990 to test the large anomaly.

The **Pie** claims were staked in 1978 to cover lead-zinc mineral showings along the strike extension of **Gunsteel Formation** shales, south from the **Cirque** deposit. They also adjoin the north boundary of **Curragh's Fluke** claims. Several showings of galena and sphalerite as well as extensive beds of nodular and massive barite occur on the **Pie** Claims. A soil sample survey outlined a large coincident lead-zinc anomaly, over 5 km long, that follows the contact between **Gunsteel** shales and **Kwadacha** reef limestone. Facies relationships and structures along the reef front -shale transition zone need to be mapped in detail, and this information combined with a geophysical survey and the previous soil sample results will outline several diamond drill targets.

The **Akie** claims adjoin the south boundary of **Curragh's Fluke** claims. They are underlain largely by **Gunsteel Formation** within which a previous soil sample survey outlined a significant barium-zinc-lead anomaly, which may be an extension of the **Fluke** mineralization, that has never been diamond drill tested. A program involving geological mapping, prospecting and I.P. geophysical surveying is required to explore the **Akie** claims further to define drill targets.

The **Yuen-Noel** claims adjoin the north boundary of the **Cirque** claims, and cover the northern strike extent of **Gunsteel Formation**, from the **Cirque** deposit. Previous exploration work outlined a zinc-lead soil sample anomaly 1000m long, which has never been drill tested. A program involving blast trenching, prospecting, I.P. geophysical surveying and drilling is required to test this target.

The **Kwadacha** claim covers a large bedded barite deposit over 1 km wide and of unknown strike length, within an eastern belt of the **Gunsteel Formation**. Two other claims within this eastern belt cover an area of a **Gunsteel Formation** surrounding **Aramis** lakes from which lake sediment samples containing high zinc-lead-silver contents were obtained during a GSC survey.

No recent work has been done on any of these claims, however with the adjacent **Cirque** deposit being readied for production, a significant exploration program is planned for the **Pie**, **Akie**, **Yuen-Noel** and **Kwadacha** claims next season, possibly under a joint-venture with a major mining company.

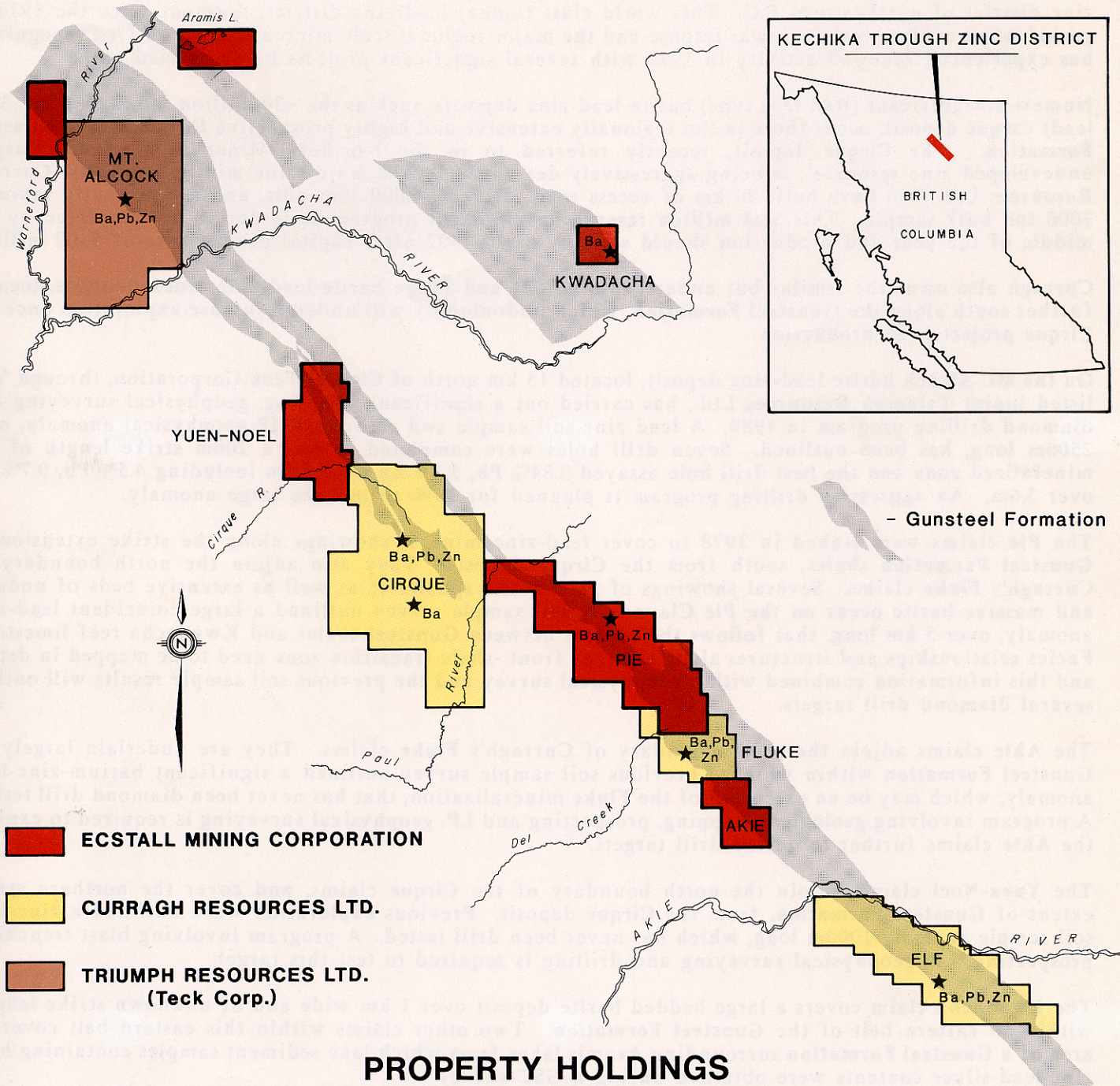
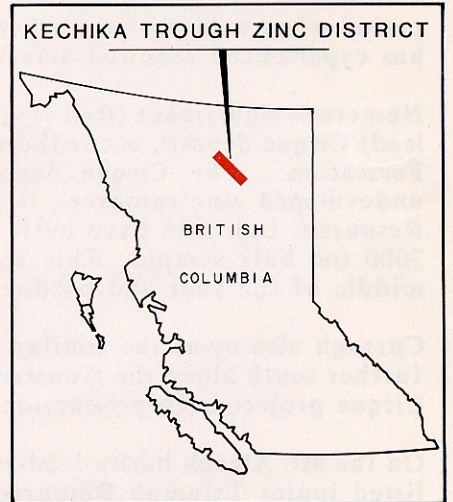
The **Kechika Trough** is a world class zinc-lead-barite mineral district, and **Ecstall Mining Corporation's** claims are well positioned along the **Gunsteel Formation** to participate in its long term mining development, which is presently underway as evidenced by the progress on **Curragh's Cirque** project and **Teck's Mt. Alcock** project.

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PROPERTY HOLDINGS

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