

013460

- PROPERTY: SM MAP LOCATION NO. 3
- COMMODITY: ZINC, LEAD, SILVER
- LOCATION: 60° 59' North 133° 46' West - Whitehorse Mining District, Y.T.
The property is on the south slope of Red Mountain about two miles from the Boswell River and 47 miles northeast of Whitehorse.
- ACCESS: By helicopter from Whitehorse, Y.T.
- TOPOGRAPHY: The claims lie along the divide between Slate Creek which drains to the northwest and an east-flowing tributary of Red Mountain Creek, which drains to the north. The elevation is about 5000 feet and is above timberline.
- PROPERTY: Eight claims, SM 1 - 8, in good standing until 1975.
- HISTORY: The property was first staked before 1935 by Indians and restaked as the Cream Claims in 1946. Boswell River Mines Limited staked the ground as the Fox Claims and did some trenching and a geochemical survey before dropping the claims. The claims were restaked as HM claims in 1973, allowed to lapse in 1974 and restaked as the SM claims by El Paso Mining and Milling Company.
- GEOLOGY: The area is mainly underlain by argillite which generally strikes west to northwest and dips 30° to 50° to the north and northeast. Some thin-bedded limestone is interbedded with the argillite. Lensy quartz masses up to several feet thick conform with the bedding but are invariably barren. Several narrow quartz veins striking N60°W and dipping southwest cut the argillite and chlorite schist. The veins carry galena and sphalerite with good silver values but do not exceed two feet in width. About one mile north of the claims a dacite porphyry dike, at least three miles long by 1500 feet wide, strikes N60°W across Red Mountain. The porphyry is bleached by weathering and carries up to 5% pyrite and minor amounts of galena, chalcopyrite, magnetite and scheelite. Molybdenite occurs in a quartz stockwork associated with the pyritic zone. Previous drilling showed 0.05 to 0.1% MoS₂.
- GEOCHEMISTRY: High soil anomalies in Pb and Zn have been traced for over 2500 feet (N60°W) by 200-800 feet wide. The anomalous area is largely drift covered but not deeply buried.
- RECOMMENDATIONS: Detailed geological and geochemical surveys and hand trenching.