

In the Slocan mining camp, King Jack Resources Ltd. has rehabilitated the King Jack, Joan and Duplex mine portals (155) and is drilling from surface and underground to test veins carrying argentite and visible gold. Also in the Slocan camp, Noranda Exploration Company, Limited has an option on the L.H. mine (178) and drilled two holes totalling 795 metres during July and August. One hole cut an intercept of 1.4 metres grading 15 grams per tonne gold; the other cut a shear zone containing 40 per cent combined arsenopyrite, pyrite and pyrrhotite, and assaying 2.57 grams per tonne gold over 1 metre. East of Slocan, Yukon Minerals Corporation has re-opened the Payday (Meteor) gold-silver mine (156).

North of Nelson, Granges Exploration Ltd. has optioned the Alpine mine (157) from Cove Energy Corporation. A new access road has been completed and a diamond-drilling program has been started. Eight to ten holes are planned, with a possible \$850 000 program funded by Cove Energy Corporation on a flow-through basis.

South of Nelson, the Kenville mine (158) has been rehabilitated by Algoma Industries and Resources Ltd. and a small mill is under construction. This mine produced considerable free gold in the past, and high-grade scheelite mineralization has recently been discovered. In the same area, Ram Exploration Ltd. has rehabilitated the California mine and Beatty Geological Ltd. is re-examining the Athabaska mine. All three of these old mines lie along northwest-trending magnetic linears that may reflect shear zones cutting both Nelson plutonic rocks and Rossland volcanics.

In the Ymir mining camp, O'Hara Resources Ltd. is exploring the Blackcock mine (161) where high-grade gold and silver mineralization is associated with massive base metal sulphides in fissure-controlled veins. The granodiorite wallrocks are often strongly silicified and mineralized with auriferous pyrite.

In the Sheep Creek camp, Gunsteel Resources Incorporated (162) has been successful in developing new ore. Reserves now stand at 66 400 tonnes with an average grade of 15.4 grams per tonne gold. On the neighbouring Goldbelt mine (163), Lightning Minerals Inc. has completed 2440 metres of surface diamond drilling and quotes reserves of 21 000 tonnes grading 13.7 grams per tonne gold, 14.3 grams per tonne silver, 0.5 per cent lead and 0.3 per cent zinc.

In the Grand Forks area, Kettle River Resources Ltd. and Noranda Exploration have optioned the Crown property (164) from Consolidated Boundary Exploration Limited and have trenched on a broad gold geochemical anomaly. An assay of 34.28 grams per tonne gold over 1.8 metres was obtained in one trench. On the adjoining Golden Crown property (165), Consolidated Boundary has completed a 622-metre adit to explore a zone of seven parallel gold-bearing veins in diorite. Kettle River Resources has also continued underground exploration in the Dentonia mine (166) north of Greenwood. Sumac Ventures Inc. has started a successful heap-leach operation at the old Union mine (167) north of Grand Forks; a total of 5000 grams of gold and 150 000 grams of silver has been recovered from 13 600 tonnes of tailings and dump material. The company plans to leach an additional 85 000 tonnes in 1988. Total

EXPLN IN BC 1987

Map No.	Property/MINFILE Name (Owner/Operator)	Inventory No.	Mining Division	NTS	Commodity	Deposit Type	Work Done; Remarks;
WEST KOOTENAY DISTRICT							
101	Goldfinch (Granges Exploration)	82K/NW-076	Revelstoke	82K/13E	Au, Ag	vein	ddh, 8719 m; 158.7 Kt 8.5 g/t Au; 50 tpd pilot mill
102	Spyder (K-2 Resources/Ram Exploration)	82K/NW-045	Revelstoke	82K/13E	Ag, Pb, Zn, Au	vein	planned 28 ddh, 3000 m; 33.7 Kt 3.2 g/t Au, 171 g/t Ag, 4.22% Pb, 5.77% Zn
103	Eclipse (Triple M Mining/Ram Exploration)	82K/NW-044	Revelstoke	82K/13E	Ag, Au, Pb, Zn	vein	diamond drilling
104	John L/Maggie May (Progressive Minerals)	82K/NW-103	Slocan	82K/6E	Au, Ag	vein	diamond drilling
105	Foggy Day (Progressive Minerals/Skyworth Resources)	82K/NW-117	Revelstoke	82K/11W	Au, Ag, Pb, Zn, Cu	vein	3 ddh, 1220 m
106	King Jack (King Jack Resources)	82F/NW-136	Slocan	82F/14W	Au, Ag	vein	surface and underground drilling
107	Meteor, Payday (Yukon Minerals)	82F/NW-137	Slocan	82F/14W	Au, Ag, Zn, Pb, W	vein	drifting and underground diamond drilling
108	Alpine (Granges Exploration/Cove Energy)	82F/NW-127	Nelson	82F/11W	Au, Ag, Pb, Zn	vein	crosscutting for underground ddh stations
109	Kenville, Granite Poorman (Algoma Industries)	82F/SW-086	Nelson	82F/6W	Au, Ag, Pb, Zn, Co, W	vein	mine rehab.; test mill under construction
110	Great Western Group (Lectus Development)		Nelson	82F/6W	Au, Cu	volcanic	21 ddh to Dec.; 182 Kt 5.1 g/t Au
111	Willa (Northair Mines/Rio Algom/BP Canada)	82F/NW-071	Slocan	82F/14W	Au, Cu, Ag	diatreme	underground development; new portal at 1100 m elev., decline from main level
112	Blackcock (O'Hara Resources)	82F/SW-076	Nelson	82F/6W	Au, Ag, Pb, Zn	vein	surface drilling; new portal
113	Nugget (Gunsteel Resources)	82F/SW-040	Nelson	82F/3E	Au, Ag, Pb, Zn	vein	underground exploration; 66.4 Kt 15.4 g/t Au

galena, sphalerite and pyrite, with lesser tetrahedrite and free gold, in a gangue of quartz and siderite.

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WEST KOOTENAY DISTRICT

144	Star/Ron (Ryan Exploration)	82F/SW- 083	Nelson	82F/6W	49°27'	117°21'	Au,Ag,Cu	Porphyry?	Reverse circulation drilling; large low-grade Cu-Au deposit
145	Willia (Northair Mines/ Rio Algom/BP Canada)	82F/NW- 071	Slocan	82F/14W	49°53'	117°22'	Au,Cu,Ag	Diatreme	Underground development; new portal at 1100 m elev., decline from main level
146	Great Western Group (Lectus Developments)		Nelson	82F/6W	49°27'	117°18'	Au,Cu	Volcanic	21 ddh to Dec.; 182 Kt 5.1 g/t Au
147	Kena (Tournigan Mining)	82F/SW- 237	Nelson	82F/6W	49°25'	117°16'	Au,Cu	Volcanic	Diamond drilling
148	Tillicum (Esperanza Explorations)	82F/NW- 234	Slocan	82F/13E	49°59'	117°44'	Au,Ag	Vein	24 ddh, 3126 m; 182 Kt 20.5 g/t Au, 2.7 Mt 2.0 g/t Au; 100 tpd mill planned
149	Strebe (Esperanza Explorations)		Slocan	82F/13E	49°59'	117°39'	Au,Ag	Skarn	8 ddh
150	Goldfinch (Granges Exploration)	82K/NW- 076	Revelstoke	82K/13E	50°49'	117°32'	Au,Ag	Vein	ddh, 8719 m; 158.7 Kt 8.57 g/t Au; 50 tpd pilot mill planned
151	Spyder (K-2 Resources/Ram Exploration)	82K/NW- 045	Revelstoke	82K/13E	50°50'	117°37'	Ag,Pb,Zn, Au	Vein	28 ddh, 3000 m; 33.7 Kt 3.2 g/t Au, 171 g/t Ag, 4.22% Pb, 5.77% Zn
152	Eclipse (Triple M Mining/ Ram Exploration)	82K/NW- 044	Revelstoke	82K/13E	50°47'	117°36'	Ag,Au,Pb, Zn	Vein	Diamond drilling
153	John L/Maggie May (Progressive Minerals)	82K/NW- 103	Slocan	82K/06E	50°28'	117°14'	Au,Ag	Vein	Diamond drilling
154	Foggy Day (Progressive Minerals/ Skyworth Resources)	82K/NW- 117	Revelstoke	82K/11W	59°35'	117°21'	Au,Ag,Pb, Zn,Cu	Vein	3 ddh, 1220 m
155	King Jack (King Jack Resources)	82F/NW- 136	Slocan	82F/14W	49°45'	117°21'	Au,Ag	Vein	Surface and underground drilling
156	Meteor, Payday (Yukon Minerals)	82F/NW- 137	Slocan	82F/14W	49°45'	117°21'	Au,Ag,Zn, Pb,W	Vein	Drifting and underground diamond drilling
157	Alpine (Granges Exploration/ Cove Energy)	82F/NW- 127	Nelson	82F/11W	49°11'	117°15'	Au,Ag,Pb, Zn	Vein	Crosscutting for underground ddh stations
158	Kenville, Granite Poorman (Algoma Industries)	82F/SW- 086	Nelson	82F/06W	49°28'	117°23'	Au,Ag,Pb, Zn,Co,W	Vein	Mine rehab.; test mill under construction
159	California (Ram Explorations)	82F/SW- 169	Nelson	82F/06W	49°27'	117°18'	Au,Ag,Zn, Pb	Vein	Rehab. No. 3 level
160	Athabasca (Beatty Geological)	82F/SW- 168	Nelson	82F/06W	49°28'	117°18'	Au,Ag,Pb, Cu	Vein	Re-opening No. 2 portal
161	Blackcock (O'Hara Resources)	82F/SW- 076	Nelson	82F/06W	49°19'	117°08'	Au,Ag,Pb, Zn	Vein	Surface drilling; new portal

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