

NTS & Occur. Number	Reference	Name of Occurrence	Date	Lat. & Long.	Metals	Host Rock (with age)	Alteration, Gangue and Control	Remarks
FRANCIS LAKE								
105-H								
105H1-25		George White	1964	61°11'N 128°11'W	Cu			Claims dropped
105H2-26		Martin	1963	61°02'N 128°52'W	Cu			Claims dropped
105H2-2a	132 GSC P67-36	Yukon Pac. D.C. Group	1965	61°13'N 128°43'W	Pb, Zn.			
105H3-16		Frances Grp.	1964	61°08'N 129°25'W	Asb.			Mineralization patchy - ½" fibres. Lapsed in 1966.
105H5-17		Mercier	1966	61°30'N 129°58'W	Asb.			
105H5-13	127 GSC P67-36	Risby	1966	61°27'N 129°31'W	Barite, Pb, Zn.			Two trenches expose minerals under option to Ramada.
105H6-14	126 GSC P67-36	Simpson Tower		61°25'N 219°28'W	Cu, Ni, Ag, Pb, Co.			Under option to Ramada Mines
105H6-2		May Yukon Pacific	1965	61°25'N 129°25'W	Cu	Grey phyllite	Contact of phyllite & qtzite	Pyrr. with cpy, (contact N20W/E Qtz. in lens parallel to phyllit pyrr. 2' thick - 0.08 oz. Ag., 2.8" Cu. tr. Zn.
105H6-15		Silver Key M.	1966	61°16'N 129°14'W	Cu			Originally examined 1935.
105H7-4		Ron Group	1965	61°26½'N 128°31'W	Pb, Zn.	Paragneiss & granite rocks	Bands & lenses. Epidote.	Gneiss N-NW/20°E. Pyrr. galena, sphal. & Minor py. cpy.
105H7-19		Norquest	1963	61°25'N 128°39'W	Cu, Pb, Zn.			Claims lapsed.

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105H7-22		Yukon Pac.	1964	61°20' N 128°45' W	Cu			Claims lapsed.
105H7-23		Mt. Billings Venture		61°16' N 128°48' W	Cu			Large low grade Cu.
105H7-2b		Yukon Pac.	1965	61°17' N 128°42' W	Pb, Zn.			
105H7-33		Glenna Lake		61°15½' N 128°33' W	Pb, Zn, Ag, (cu)	Skarn Lst.	Along contact with intrusive in strati- graphic horizon.	Sphalerite, galena, minor po, & Py., submassive lenses & dissem- inated in skarn bands in 300' formation (up to 25 concordant bands ave. 3' thick) trend ESE traced for 5½ miles.
105H8-3a	133 GSC P67-36	(Norquest) Fir Tree	1966	61°24' N 128°27' W	Zn	Qtz-mica-carb. gneiss. within granite gneiss	Rpl. lenses. Epidotization	Fine grained sulphides; pyrite, sphalerite, minor galena.
105H8-3	133 GSC P67-36	Blackjack	1966	61°22' N 128°20' W	Zn	Qtzite sch. & gneisses	Repl. lenses. Epidote clinopyroxene	Disseminated to massive sphal. in a chain of lenses S-N for 1000'. Schist strike E/Mod N. 7 d.d.h.
105H8-21		Highland River M.	1966	61°29' N 128°17' W	Pb, Zn			
105H8-5		Lake Group	1965	61°16½' N 128°19' W	Zn	Paragneiss Sch. & Hornfels cut by granite	Epidote rich bands. Epidote.	
105H1-27	134 GSC P67-36	Silver Grp.	1967	61°14' N 128°22' W	Cu, Pb, Ag.	Sericite schist	Qtz. veins	Sericite & chlorite sch. trend NW. Gal., pyrr. py, chpy, sideri assays not encouraging.

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105H9-20		Pine Tree Norquest		61°32½'N 128°27½'W	Zn			
105H9-6		Rain Group	1965	61°39½'N 128°06'W	Cu	Pyrox skarn		Cpy. dissem. with po & py. low values
105H9-32		Little Hyland River		61°41'N 128°18'W	Au			
105H10-18		Highland R.	1966	61°31'N 128°46'W	Cu	Lst.	Replacement	Cpy.
105H6-1	128 GSC P67-36	Matt Berry	1966	61°27'N 129°25'W	Ag, Pb, Zn (A)	West dipping argillites. Fine banded qtz-chl.-sch.	Localized by drag fold in schist in part	Several parallel NW/SE qtz. carb veins - heavy dissem. to massive galena, sphalerite and minor cpy No.1 vein 3'wide-60'long displ. by series of NE shear faults-2120' d.d.h.(14) indicates min. of 800'. strike length. Best ass (drill core) over 4.5'; Ag-20.64, Pb. 32.8%, Zn.22.30%.
105H11-12		Kennco	1956	61°43'N 129°04'W	Cu, W.			
105H12-29	125 GSC P67-36	Ted Group Atlas	1967	61°38'N 129°51'W	Barite			5-10' wide x 100'
105H13-9		Don Taylor	1966	61°57'N 129°54'W	Ag,Pb, An,Mo.	Quartzite		Examined by Kennco 1964.
105H13-28		Tim Group Atlas	1967	61°58½'N 129°57½'W	Pb,Zn, Cu			
105H14-10	129 GSC P67-36	Hundere Graham		61°54'N 129°24'W	Cu, (Fe)			

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105H14-11	130 GSC P67-36	Cassiar	1966	61°52'N 129°03'W	Cu W.			Originally staked by Martin & examined by Mt. Billings Venture
105H14-31		Py Group		61°54'N 129°07½'W	Pb, Zn, Lst. Cu		Repl. lenses in Lst. near granite contact - some fracture fillings	Galena, sphalerite, cpy, gossan zone extends several miles to west at showing.
105H16-7	136 GSC P67-36	Can. Tung.	1966	61°56½'N 218°15'W	W.	L.C.Lst. (Diop.garn. epid. skarn host)	Skarn from nearby granitic intrusion, repl. & veins	Shallowly dipping SW lens, 300' wide x 65' thick (1) Fine scheelite dissem. in massive to heavily dissem. pyrr. cpy, mx. (2) Coarse qtz. calcite, scheelite veins and lenses cutting massive sulphide. Minor native Bi is present. Open cut 340,775 tons milled - grading 2.4 to 2.85% Wo ₃ and 0.45% cu.
105H16-8	137 GSC P67-36	Mackenzie Syndicate	1960	61°50'N 128°03'W	Cu, W.	L.C. Lst. pyrr. bearing skarn	Repl.	Pyrr. scheelite, cpy, also small bornite deposit in qtzite.
105H9-34		Little Hy- land River			Au			

105 H. FRANCES LAKE.

1) 105 H/4 - Regional geochem of area A.

2) 105 H/3, 4, 5, 12 Stream geochem on SW side of road by geochem party by road traverses.

Emphasis ~~Asb~~ and on aeromag anomalies for sulphides and Asb.

Note: Geochem. traverses could be occupied along road while geological parties concentrate more effort on Fire Lake area.