MINFILE Number: 083D 055 **Name:** GUM CREEK-LOWER GUM **Status:** Showing

Ore Zone/ Year/Report On	Tonnage/ Category	Commodity	Grade	Reference/ Comments
CREEK 2008 N	Assay/analysis Rock	Tantalum Niobium	0.0045 % 0.2479 %	rock samples from the Gum Creek carbonatite are reported to have yielded values up to 45.0 parts per million tantalum and 2478.5 parts per million niobium with a average of 622.0 parts per million niobium Assessment Report 31174
LOWER 2008 N	Assay/analysis Drill Core	Rare Earths	1 %	ten diamond drillholes, totalling 2070.5 metres, were completed on the Lower Gum/Hodgie zone. Holes HO-08-01, -02, -03 and -10 intersected several zones of altered amphibolites yielding up to 1 per cent total rare earth elements Assessment Report 31174
CREEK 2006 N	Assay/analysis Grab	Rare Earths Niobium	0.3751 % 0.1259 %	Eight outcrop grab samples (24538 through 24545) of sovite carbonatite from the Gum Creek area yielded an average of approximately 3751 parts per million total rare earths with 1259 parts per million niobium, with maximum values of approximately 5222 parts per million total rare earths and 2407 parts per million niobium. Values for promethium and scandium were not reported. Assessment Report 29024
CREEK 2005 N	Assay/analysis Grab	Tantalum Niobium Phosphorus	0.0182 % 0.34 % 3.38 %	samples of carbonatite from the Gum Creek area yielded values of up to 182 parts per million tantalum pentoxide (Ta2O5), 0.34 per cent niobium pentoxide (Nb2O5) and 3.38 per cent phosphorus pentoxide (P2O5). Assessment Report 29024
SAMPLE 2002 N	Assay/analysis Rock	Niobium Rare Earths	0.2245 % 0.6242 %	A rock sample (10538) assayed 0.2245 per cent niobium and approximately 0.6242 per cent total rare earths. Values for promethium and scandium were not reported. Assessment Report 26990
SAMPLE 1989 N	Assay/analysis Rock	Lanthanum Cerium Niobium Tantalum Phosphorus	0.1905 % 0.2666 % 0.3211 % 0.0075 % 1.82 %	a lone rock sample from the carbonatite is reported to have yielded 0.3211 per cent niobium pentoxide (Nb2O5), 0.0075 per cent tantalum pentoxide (Ta2O5) and 1.82 per cent phosphorus pentoxide (P2O5) with light rare earth elements yielding up to 0.1905 per cent lanthanum and 0.2666 per cent cerium Assessment Report 26990