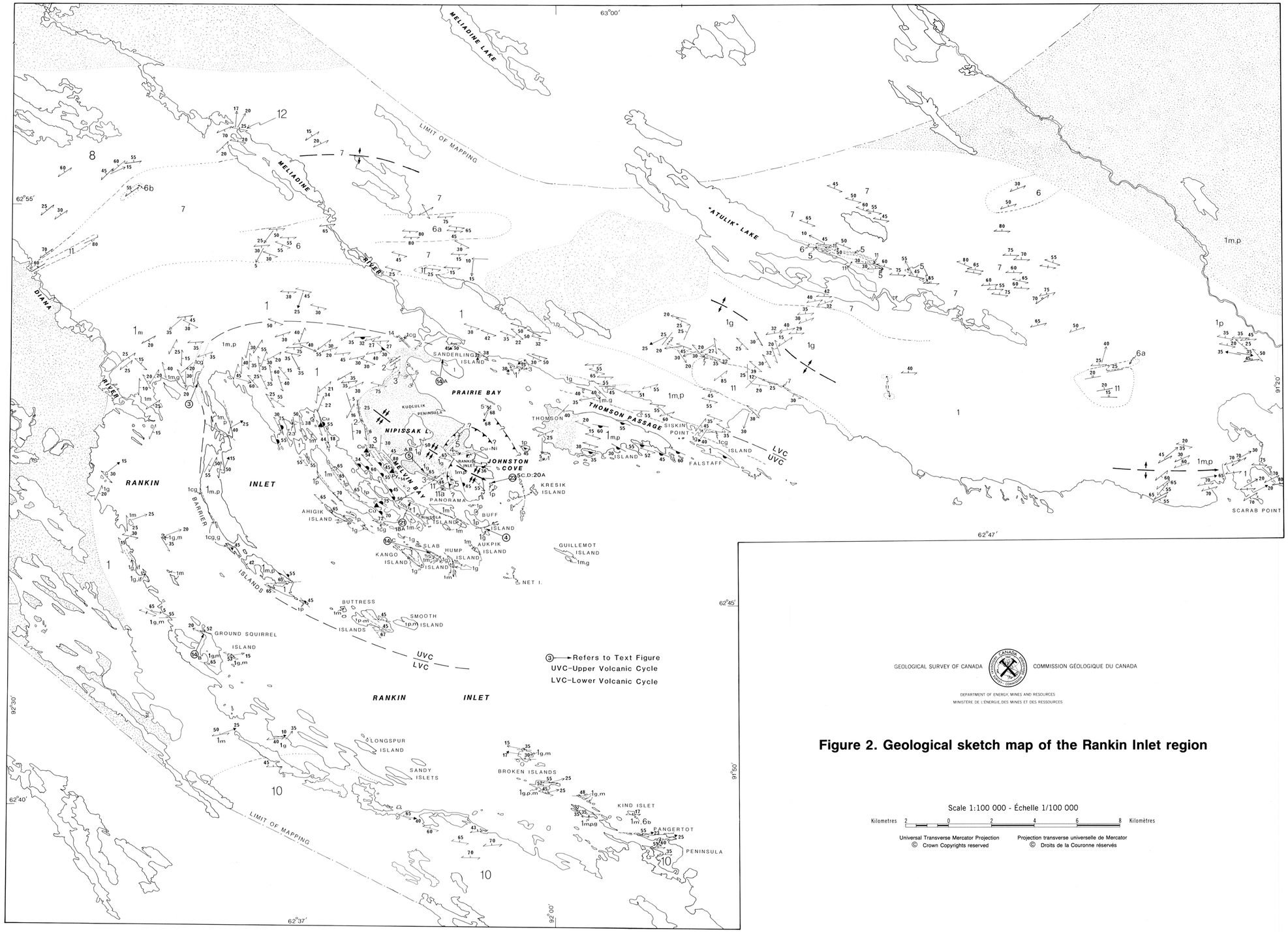

LEGEND

HELIKIAN	14	*Gabbro dykes*
	13	*Biotite lamprophyre dykes*
LOWER PROTEROZOIC	12	*Granite: massive to weakly foliated, pink, equigranular, medium grained (may be older than unit 11)*
	11	*Orthoquartzite: predominantly white, thin to thick bedded and ripple marked; locally overlain by buff dolomite, siliceous dolomite, argillite* (11a)
	10	*Porphyritic granodiorite to quartz monzonite, massive to weakly foliated; contain layered inclusions of metavolcanic and metasedimentary rocks; include minor proportions of orthogneiss*
	9	*Biotite-muscovite leucogranite, in part garnetiferous. Intrudes layered gneiss and biotite paragneiss (unit 8). Not present in the region covered by figure 2*
	8	*Layered gneiss, migmatite, quartz-biotite schist, garnet-biotite-cordierite ± sillimanite ± kyanite paragneiss; in part contain metamorphosed magnetite iron-formation, and inclusions of metamafic rocks derived from the rankin inlet group*
ARCHEAN	7	*Actinolite-hornblende schist, mafic tuff; mainly derived from unit 1*
	6	*Felsic volcanic rocks; dacite to rhyolite porphyry* (6A), *felsic tuff* (6B); *commonly sheared and metamorphosed to quartz-mica schists; mainly derived from unit 1*
		RANKIN INLET GROUP (UNITS 1-5)
	5	*Gabbro*
	4	*Serpentinite*
	3	*Impure quartzite, slate, argillite, and minor quartz pebble conglomerate and calcareous sediments*
	2	*Dolomite, siliceous dolomite*
	1	*Metavolcanic and metasedimentary rocks; basalt to andesite, massive* (m) *to pillowed (p) flows intercalated with mafic and felsic tuffs and pyroclastics, polymictic conglomerate* (1cg), *greywacke* (1g), *calcareous tuffs, siliceous marble, tuff breccia, grey to black chert, and minor quartz-magnetite iron-formation* (lif)

Drift covered area
Geological boundary (defined, approximate, assumed)
Bedding, tops known (inclined, vertical, overturned), tops unknown
Pillowed flows (tops known, unknown)
Cleavage, foliation, schistosity (inclined, vertical, dip unknown)
Minor fold axis (trend and plunge) 20
Mineral lineation (trend and plunge) 20
Intersection lineation (S_0/S_1;S_1/S_2), trend and plunge 20
Axial trace of F_2 syncline, and direction of plunge
Axial trace of antiform, synform, showing direction of plunge
Fault (approximate, assumed) arrows indicate apparent shear sense
Thrust fault (defined, assumed), teeth pointing down dip
Abandoned mine shaft
Mineral occurrence/gossan (Cu-copper; Ni-nickel; Py-pyrite)
Banded magnetite iron-formation

GEOLOGICAL SURVEY OF CANADA — COMMISSION GÉOLOGIQUE DU CANADA

DEPARTMENT OF ENERGY, MINES AND RESOURCES
MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES

Figure 2. Geological sketch map of the Rankin Inlet region

Scale 1:100 000 - Échelle 1/100 000

Kilometres 2 0 2 4 6 8 Kilomètres

Universal Transverse Mercator Projection
Projection transverse universelle de Mercator

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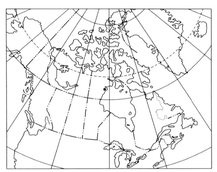

INDEX MAP - LIEU DE LA CARTE

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