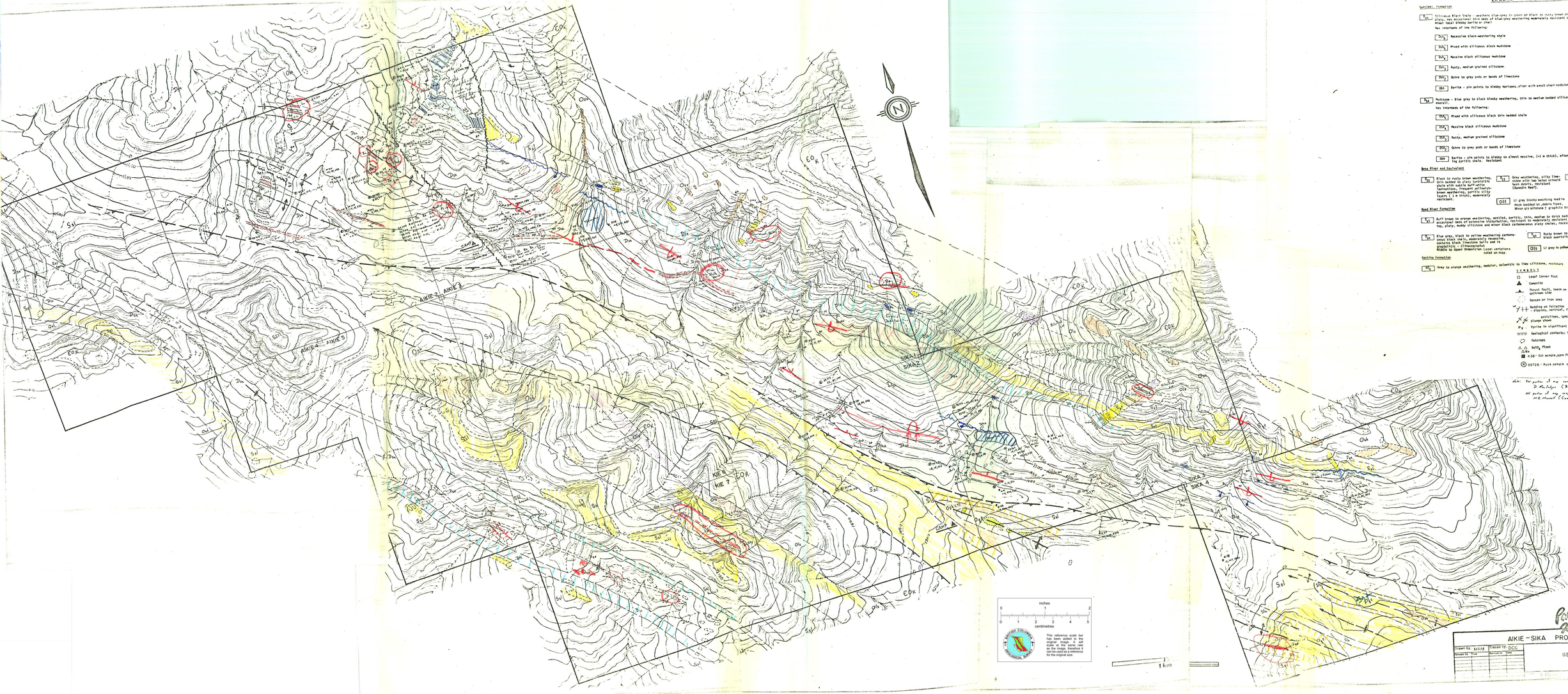

LEGEND - AIKIE SIKA PROPERTY

Gunster Formation

Sl Siliceous Black Shale - weathers blue-grey to green or black to rusty brown or occasionally yellow. Fissile to platy, has occasional thin beds of blue-grey weathering moderately resistant siliceous black mudstone with minor local blobby barite or chert.

Has interbeds of the following:

- **Sl$_1$** Recessive black-weathering shale
- **Sl$_2$** Mixed with siliceous black mudstone
- **Sl$_3$** Massive black siliceous mudstone
- **Sl$_4$** Rusty, medium grained siltstone
- **Sl$_5$** Ochre to grey pods or bands of limestone
- **Sl6** Barite - pin points to blobby horizons, often with small chert nodules.

Sg Mudstone - Blue grey to black blocky weathering, thin to medium bedded siliceous and black. Fairly resistant overall.

Has interbeds of the following:

- **Sg$_1$** Mixed with siliceous black thin bedded shale
- **Sg$_2$** Massive black siliceous mudstone
- **Sg$_3$** Rusty, medium grained siltstone
- **Sg$_4$** Ochre to grey pods or bands of limestone
- **Sg6** Barite - pin points to blobby to almost massive, (+1 m thick), often with rusty brown to grey weathering pyritic shale. Resistant

Base River and Equivalent

- **Ds** Black to rusty brown weathering, thin bedded to platy carbonitic shale with subtle buff-white laminations, frequent siltstone and sandstone beds, locally lapilli (1 m thick), moderately resistant.
- **Ds$_1$** Grey weathering, silty limestone with two holed crinoid hash debris, resistant (Quadrin Reef).
- **Ds$_2$** Grey weathering, thick bedded, calcarite quartz arenite turbidites, silicified solitary rugose corals and two holed crinoid fragments, resistant.
- **Dlt** Lt grey blocky weathering med to thick bedded sr. debris flows. Minor gre siltstone 2 graptolite block shale.

Road River Formation

- **Sl$_1$** Buff brown to orange weathering, mottled, pyritic, thin, medium to thick bedded siltstone to dolomitic siltstone, occasional beds of extensive bioturbation, resistant to moderately resistant, with minor recessive maroon weathering, platy, muddy siltstone and minor black carbonaceous platy shales, recessive.
- **Sl$_2$** Blue grey, black to yellow weathering carbonaceous black shale, moderately recessive, contains black limestone balls and to 1m thick black quartzite beds. Middle to Upper Ordovician local variations noted on map.
- **Sl$_3$** Rusty brown to buff brown weathering medium bedded black quartzite, resistant
- **Olt** Lt grey to yellow weathering thinly bedded grey lst

Kechika Formation

- **Ok$_1$** Grey to orange weathering, modular, dolomitic to lime siltstone, resistant.

SYMBOLS

- Legal Corner Post
- Campsite
- Thrust fault, teeth on upthrown side
- Gossan or iron seep
- Bedding on foliation - dipping, vertical, flat
- anticlines, synclines, plunge shown
- Py - Pyrite in significant amounts
- Geological contacts; inferred
- Outcrops
- Bedg. Plane
- 438 - Soil sample, ppm Pb, Zn, Ba
- 99726 - Rock sample ppm or % Pb, Zn, Bi, U, Cu

Note: For position of map compiled from N.T.S. Maps (1:50,000)
D. Mc. Ridge (1:20,000) - 1961-1981
NE portion of map compiled from N.T.S. Maps (1:50,000)
M.E. Maxwell (Cominco) - 1981-1981

Assessment Report Title Page and Summary
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Drawn by: MAM	Traced by: DCC
Revised by: Date	Revised by: Date

AIKIE - SIKA PROPERTY

GEOLOGY

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