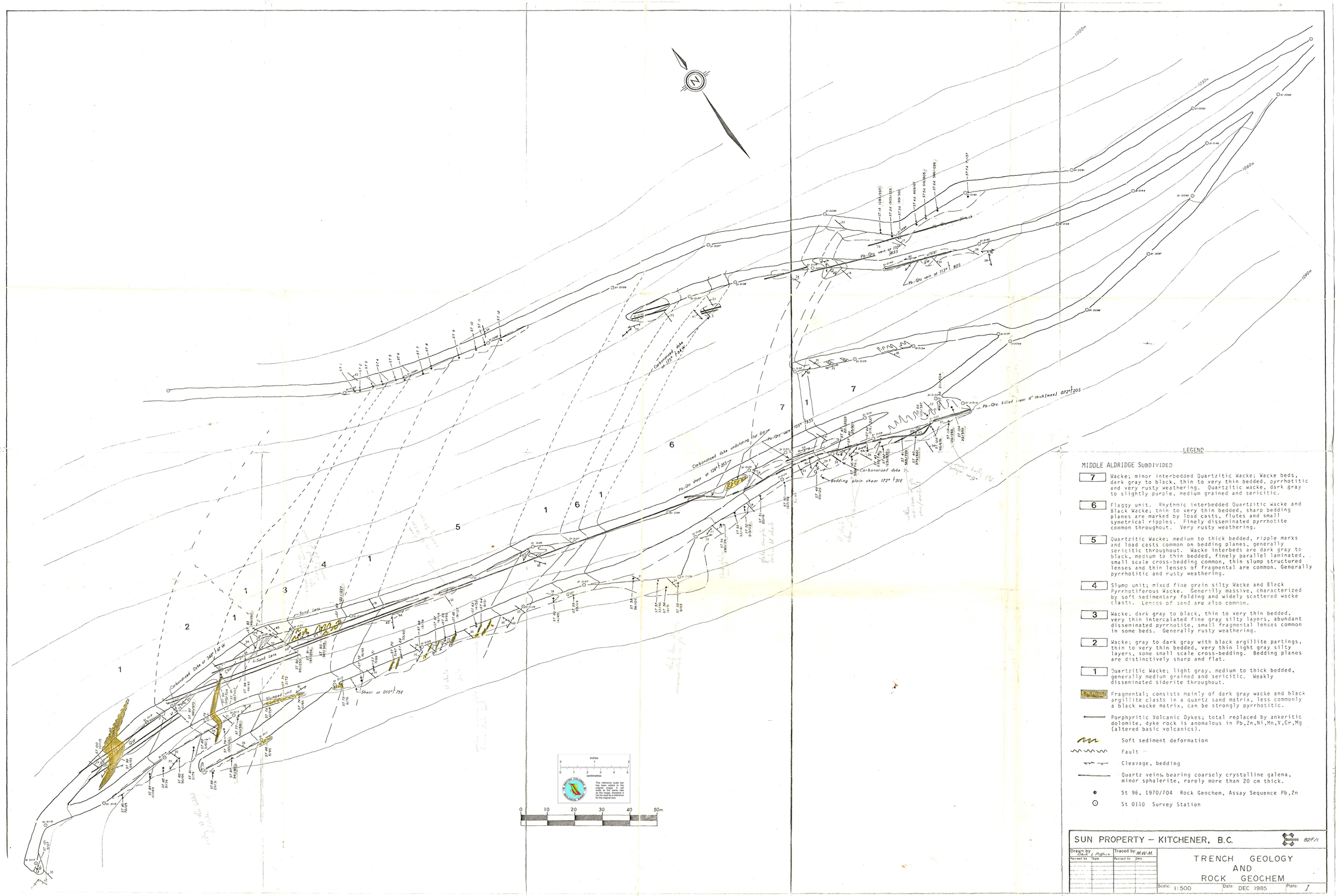

LEGEND

MIDDLE ALDRIDGE SUBDIVIDED

7 Wacke; minor interbedded Quartzitic Wacke; Wacke beds, dark gray to black, thin to very thin bedded, pyrrhotitic and very rusty weathering. Quartzitic wacke, dark gray to slightly purple, medium grained and sericitic.

6 Flaggy unit. Rhythmic interbedded Quartzitic Wacke and Black Wacke; thin to very thin bedded, sharp bedding planes are marked by load casts, flutes and small symetrical ripples. Finely disseminated pyrrhotite common throughout. Very rusty weathering.

5 Quartzitic Wacke; medium to thick bedded, ripple marks and load casts common on bedding planes, generally sericitic throughout. Wacke interbeds are dark gray to black, medium to thin bedded, finely parallel laminated, small scale cross-bedding common, thin slump structured lenses and thin lenses of fragmental are common. Generally pyrrhotitic and rusty weathering.

4 Slump unit; mixed fine grain silty Wacke and Black Pyrrhotiferous Wacke. Generally massive, characterized by soft sedimentary folding and widely scattered wacke clasts. Lenses of sand are also common.

3 Wacke; dark gray to black, thin to very thin bedded, very thin intercalated fine gray silty layers, abundant disseminated pyrrhotite, small fragmental lenses common in some beds. Generally rusty weathering.

2 Wacke; gray to dark gray with black argillite partings, thin to very thin bedded, very thin light gray silty layers, some small scale cross-bedding. Bedding planes are distinctively sharp and flat.

1 Quartzitic Wacke; light gray, medium to thick bedded, generally medium grained and sericitic. Weakly disseminated siderite throughout.

Fragmental; consists mainly of dark gray wacke and black argillite clasts in a quartz sand matrix, less commonly a black wacke matrix, can be strongly pyrrhotitic.

Porphyritic Volcanic Dykes; total replaced by ankeritic dolomite, dyke rock is anomalous in Pb,Zn,Ni,Mn,V,Cr,Mg (altered basic volcanics).

Soft sediment deformation

Fault

Cleavage, bedding

Quartz veins, bearing coarsely crystalline galena, minor sphalerite, rarely more than 20 cm thick.

St 96, 1970/704 Rock Geochem, Assay Sequence Pb,Zn

St 0110 Survey Station

SUN PROPERTY – KITCHENER, B.C.

82F/1

Drawn by: Dave L. Pugsley	Traced by: M.W.M.	
Revised by	Date	Revised by	Date

TRENCH GEOLOGY AND ROCK GEOCHEM

Scale: 1:500 | Date: DEC 1985 | Plate: 1

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