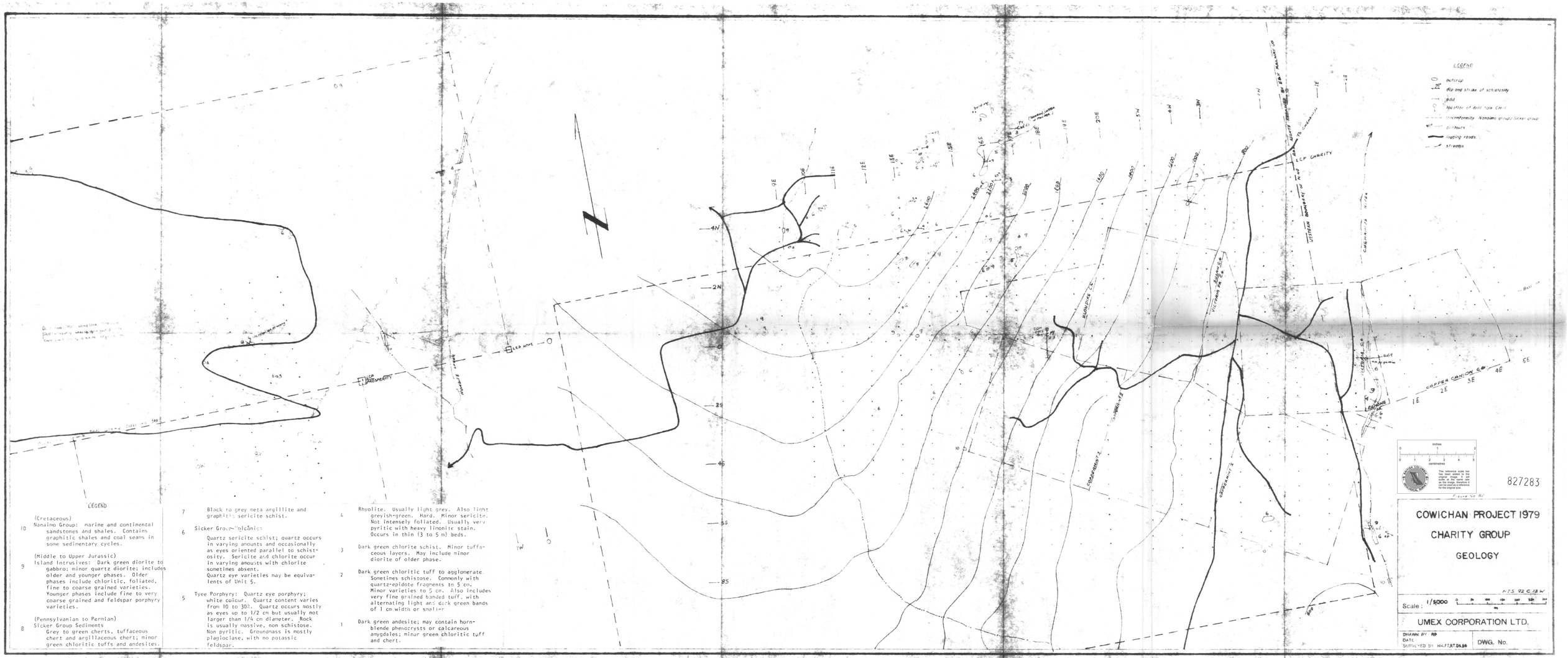
LEGEND
outcrop
dip and strike of schistosity
adit
location of drill hole CH-1
unconformity Nanaimo group/Sicker group
contours
logging roads
streams
LCP CHARITY
LCP PROSPERITY
LCP HOPE
COPPER CANYON CK
CHEMAINUS RIVER
VICTORIA PK CK
BLACKTIP CK
LEGEND
(Cretaceous)
10 Nanaimo Group: marine and continental sandstones and shales. Contains graphitic shales and coal seams in some sedimentary cycles.
(Middle to Upper Jurassic)
9 Island Intrusives: Dark green diorite to gabbro; minor quartz diorite; includes older and younger phases. Older phases include chloritic, foliated, fine to coarse grained varieties. Younger phases include fine to very coarse grained and feldspar porphyry varieties.
(Pennsylvanian to Permian)
8 Sicker Group Sediments
Grey to green cherts, tuffaceous chert and argillaceous chert; minor green chloritic tuffs and andesites.
7 Black to grey meta argillite and graphitic sericite schist.
Sicker Group Volcanics
6 Quartz sericite schist; quartz occurs in varying amounts and occasionally as eyes oriented parallel to schistosity. Sericite and chlorite occur in varying amounts with chlorite sometimes absent. Quartz eye varieties may be equivalents of Unit 5.
5 Tyee Porphyry: Quartz eye porphyry; white colour. Quartz content varies from 10 to 30%. Quartz occurs mostly as eyes up to 1/2 cm but usually not larger than 1/4 cm diameter. Rock is usually massive, non schistose. Non pyritic. Groundmass is mostly plagioclase, with no potassic feldspar.
4 Rhyolite. Usually light grey. Also light greyish-green. Hard. Minor sericite. Not intensely foliated. Usually very pyritic with heavy limonite stain. Occurs in thin (3 to 5 m) beds.
3 Dark green chlorite schist. Minor tuffaceous layers. May include minor diorite of older phase.
2 Dark green chloritic tuff to agglomerate. Sometimes schistose. Commonly with quartz-epidote fragments to 5 cm. Minor varieties to 5 cm. Also includes very fine grained banded tuff, with alternating light and dark green bands of 1 cm width or smaller
1 Dark green andesite; may contain hornblende phenocrysts or calcareous amygdales; minor green chloritic tuff and chert.
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
Figure No. 82
827283
COWICHAN PROJECT 1979
CHARITY GROUP
GEOLOGY
N.T.S. 92 C/12 W
Scale: 1/5000
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