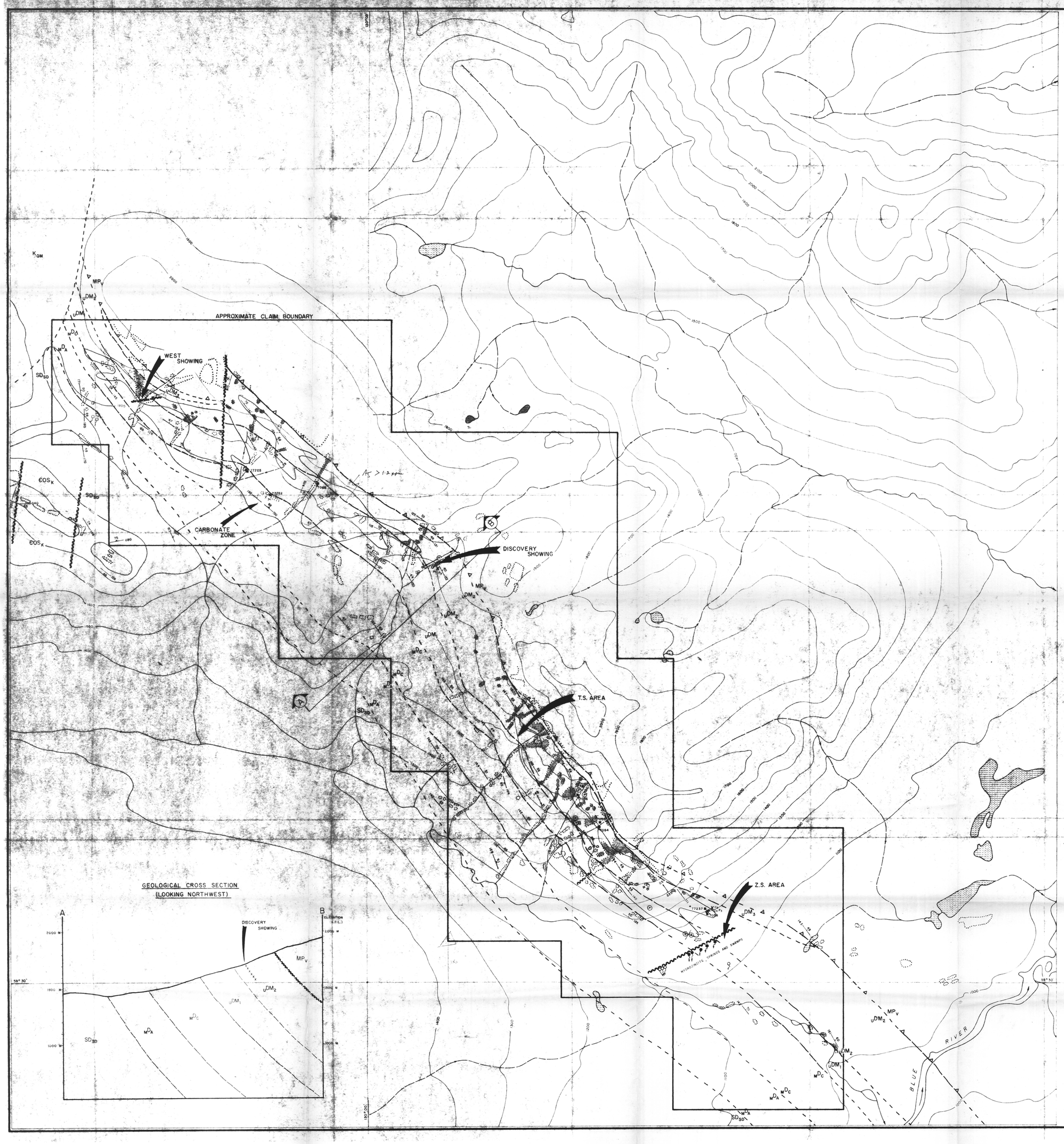

LEGEND

K_{QM} — CASSIAR BATHOLITH - MEDIUM-GRAINED BIOTITE-QUARTZ MONZONITE

UPPER SYLVESTER

MP_V — SYLVESTER ALLOCHTHON: INTERCALATED APHANITIC JASPIC TO INTERMEDIATE META-VOLCANICS TOGETHER WITH GABBROIC INTRUSIVES, SERPENTINIZED ULTRAMAFICS AND SILICEOUS SEDIMENTS. DISTINCTIVE CATACLASITE (SANDAUGEN) AT LOWER CONTACT.

LOWER SYLVESTER

$_UDM_3$ — CHERT AND PHYLLITIC ARGILLITE: LIGHT-GREY CHERT TOGETHER WITH GREEN-GREY PHYLLITIC ARGILLITE. MINOR DISCONTINUOUS SANDSTONE HORIZONS. UNIT LOCALLY REMOVED BY SYLVESTER ALLOCHTHON.

$_UDM_2$ — SILICEOUS ARGILLITE AND EXHALITE: YELLOW-BROWN WEATHERING, CARBONACEOUS SILICEOUS ARGILLITE WITH LOCAL CHERT AND SILTY ARGILLITE. CONTAINS UP TO 5 PYRITIC, BARITIC, SILICEOUS EXHALITE HORIZONS WHICH LOCALLY HOST Pb-Zn-Ag MINERALIZATION.

$_UDM_1$ — SAND LAMINATED SILTY ARGILLITE: CARBONACEOUS, SILTY ARGILLITE INTERLAMINATED TO THINLY INTERBEDDED WITH FINE TO COARSE-GRAINED SANDSTONE TURBIDITES. LOCAL GRADED BEDDING, LOAD CASTS AND FLAME STRUCTURES. CALCARENITE BEDS TO 3 METERS IN THICKNESS.

McDAME

$_MD_C$ — LIMESTONE AND DOLOSTONE: LIGHT-GREY WEATHERING, BLOCKY DOLOSTONE OVERLAIN BY PLATY TO BLOCKY FETID LIMESTONE LOCALLY LAMINATED, CARBONACEOUS, SILICEOUS, COARSELY-CRYSTALLINE, BIOTURBATED AND BRECCIATED. MINOR QUARTZITE. HOSTS LIMONITIC Zn-Ba MINERALIZATION NEAR UPPER CONTACT.

$_MD_A$ — ARGILLITE: BLACK, SILICEOUS ARGILLITE WITH LOCAL CHERT, SANDSTONE AND CALCARENITE. POSSIBLY BELONGS TO UPPERMOST SANDPILE.

SANDPILE

SD_{SD} — DOLOMITIC SANDSTONE AND DOLOSTONE: WHITE WEATHERING, BLOCKY DOLOMITIC SANDSTONE THICKLY INTERBEDDED WITH LIGHT-GREY WEATHERING DOLOSTONE. LOCAL QUARTZITE AND LIMESTONE.

KECHIKA

ϵOS_K — CARBONACEOUS SHALE AND DOLOMITIC SILTSTONE: BLACK CARBONACEOUS SHALE. LOCAL PLATY, CARBONACEOUS DOLOMITIC SILTSTONE.

- OUTCROP
- BEDDING ATTITUDE
- CLEAVAGE ATTITUDE
- TREND AND PLUNGE OF MINOR FOLD AXIS
- GEOLOGICAL CONTACT: DEFINED, APPROXIMATE, ASSUMED
- THRUST FAULT: DEFINED, APPROXIMATE, ASSUMED
- FAULT
- FERRICRETE
- FUMAROLE
- SPRING
- MINERALIZATION: GALENA, SPHALERITE, PYRITE.
- ASSAY SAMPLE LOCATION

NOTE:

TOPOGRAPHY FOR 104P ADAPTED FROM 104 P/5, 12, 1:50,000 SCALE MAPS

CONTOUR INTERVAL 100 m.

MAGNETIC DECLINATION (1982) 30°50' EAST

REGIONAL RESOURCES LTD

GEOLOGY

BLUE CLAIM GROUP

JENNINGS RIVER - McDAME MAP AREAS

N.T.S. 104 O/9, 104 P/5, 12

LIARD MINING DIVISION, BRITISH COLUMBIA

SCALE 1 : 10,000

500 0 500

BY

CORDILLERAN ENGINEERING

418 - 355 BURRARD STREET

VANCOUVER, B.C. V6C 2G8

SEPTEMBER 1982

PLATE: I

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