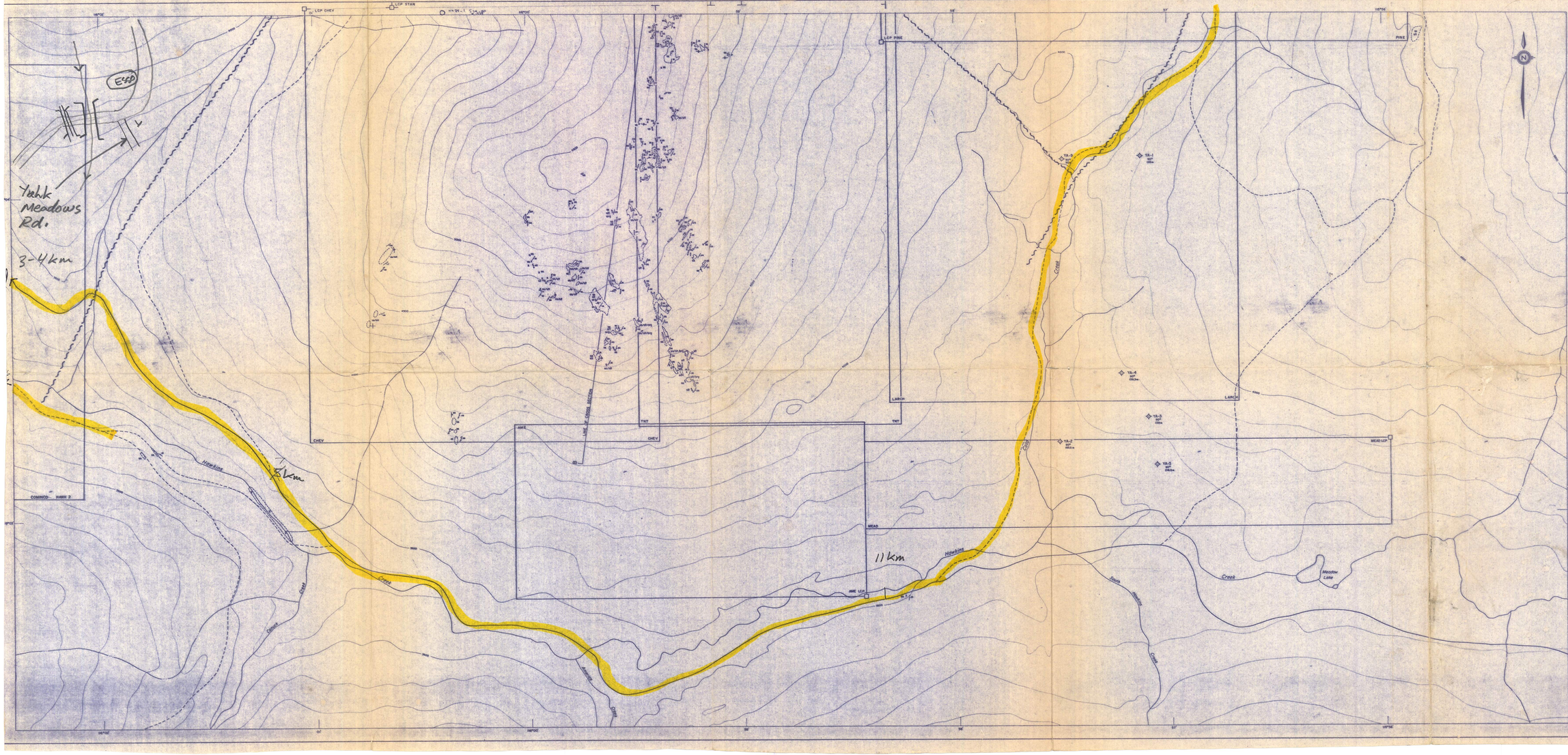

LEGEND

MOYIE INTRUSIONS

GABBRO AND DIORITE

dark gray to green-gray, medium to coarse grained

ALDRIDGE FORMATION

SANDSTONE:

light weathering, light to medium gray, fine to very fine grained, occasionally argillaceous. Beds generally 20 to 75cm thick; sedimentary structures include graded bedding; cross bed casts, flame structures, and rare flute casts of base. Intervals of 1 to 10 cm dark laminated siltstone and/or dark gray argillite at top (AB, AS and AG units). Rare intervals of medium to coarse grained, poorly graded sandstone, alternating with thick-bedded beds of dark gray argillite and/or recrystallized argillite.

SILTSTONE

rusty weathering, light to medium gray, finely laminated; also dark gray to rusty weathering, laminated; couplets of medium gray siltstone and dark gray carbonaceous and/or argillaceous siltstone

ARGILLITE

medium to dark gray. Typically as thin beds or laminae within argillite/siltstone couplets, or as relatively thin laminae at the tops of graded sandstone beds. Commonly recrystallized in the vicinity of faults. Porphyroblasts of biotite and/or tourmaline often present

CONGLOMERATE:

typically consists of angular to subrounded flat fragments (up to 8 cm long) of dark gray argillite, recrystallized argillite, and/or laminated siltstone/argillite within a fine to very fine grained carbonate matrix; conglomerate is bioturbated.

TOURMALINITE:

fine grained, dark pale to black recrystallized rock, thin-bedded, occasionally with thin layers of opaque "dirty" rock, composed of 40 to 60 % very fine, felted tourmaline crystals, which replace argillite at the tops of graded sandstone beds. Rare intervals of tourmalinite contain quartz and sericite crystals. Similar tourmaline occurs as fragments within cross-bedded conglomerate. Last commonly occurs in thicker sandstone beds as very fine felted tourmaline between coarse quartz grains.

- TOURMALINITE, float
- TOURMALINITE OUTCROP
- Bedding (inclined, horizontal)
- Cleavage or Schistosity (inclined)
- Joints (inclined, vertical)
- Quartz Vein (parallel to joint set)
- Quartz Vein (inclined, vertical)
- Current Direction (from cross bedding)
- Current Trend (from ripple marks)
- Current Trend (from slide marks)
- Outcrop
- Fault
- YA-2 DDH 292.5m — Diamond Drill Hole (Identification, total depth)
- Grid Line
- Road
- Topographic Contour (100 foot contour interval)
- Stream
- Line of Cross Section
- Claim Boundary and Legal Corner Post

inches 0 1 2
centimetres 0 1 2 3 4 5

BRITISH COLUMBIA GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it represents the same distance for the original size.

822607

0 100 200 300 400 500
metres

Chevron Canada Resources Limited
Minerals Staff

MOUNT MAHON GEOLOGY (SOUTH SHEET)

1:10,000

FIGURE No. 10		PROJECT No. M525	
DATE 1983	REVISIONS		SCALE
NTS No. 82E/4W			FILE No.
COMPILED BY L. HOWER/P. BOWMER			