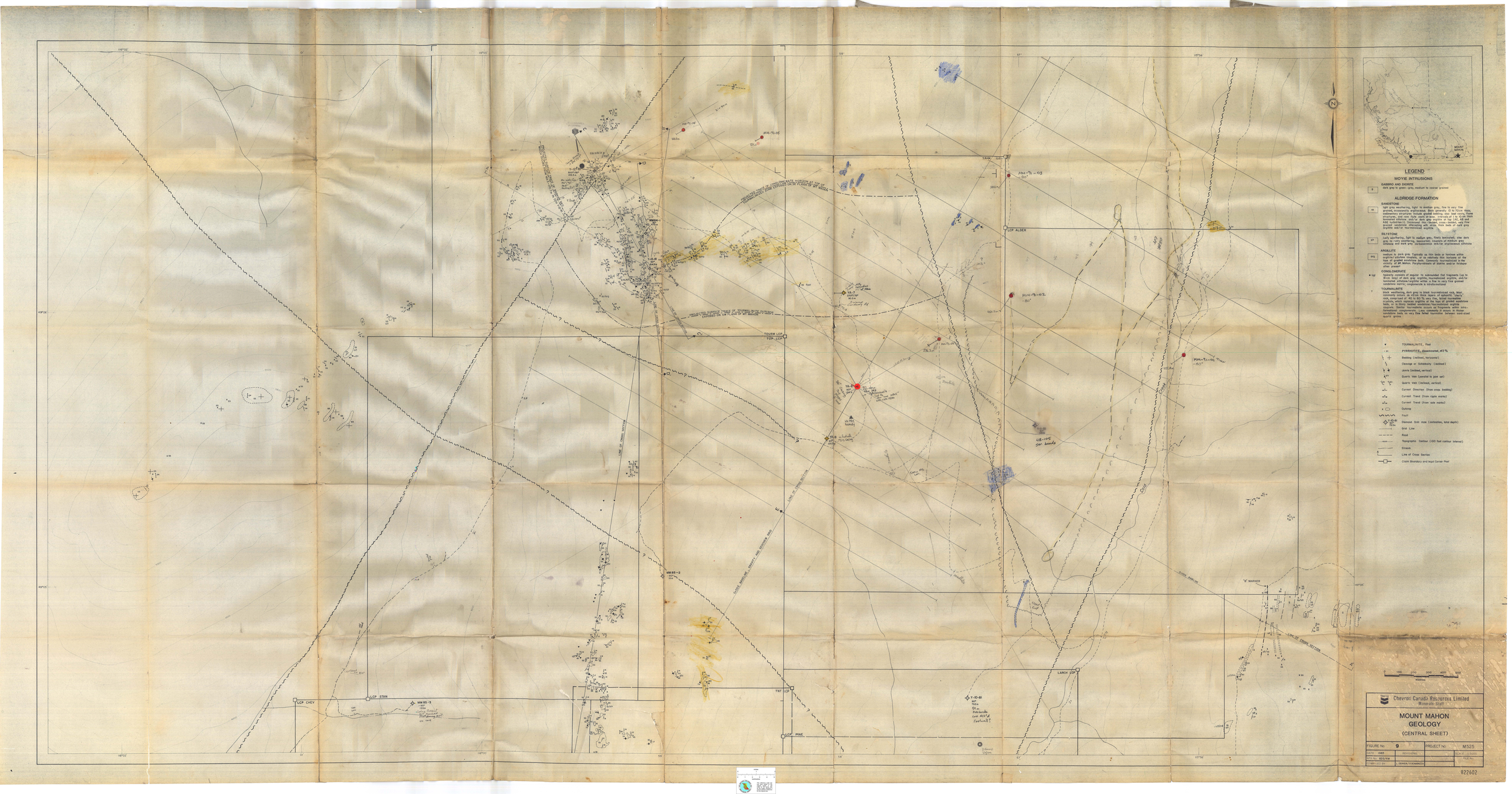
LEGEND
MOYIE INTRUSIONS
GABBRO AND DIORITE
dark grey to green-grey, medium to coarse grained
ALDRIDGE FORMATION
SANDSTONE
light grey weathering, light to medium grey, fine to very fine grained, occasionally argillaceous. Beds generally 0.1m to 10.0m thick; sedimentary structures include graded bedding, cross bedding, flame structures, load casts, and ripple marks. Commonly interbedded with dark laminated siltstone and/or dark grey argillite or tuff (A2, A9 and A26 turbidites). Occasional thin dacitic cross-bedded, very fine grained tuffaceous sandstones (A3, A4). Thick beds of rust-grey argillite and/or tourmalinized argillite.
SILTSTONE
(sil) weathering, light to medium grey, finely laminated, also dark grey to rusty-weathering, laminated couplets of medium grey siltstone and dark grey carbonaceous and/or argillaceous siltstone
ARGILLITE
medium to dark grey. Typically as thin beds or laminae within argillite/siltstone couplets, or as relatively thin horizons at the base of graded sandstone beds. Commonly tourmalinized in the vicinity of Mt Mahon. Porphyroblasts of biotite and/or feldspar (hornfels).
CONGLOMERATE
(cgl) typically consists of regular to subrounded flat fragments (up to 10 cm long) of dark grey argillite, tourmalinized argillite, and/or laminated siltstone/argillite within a fine to very fine grained sandstone matrix; conglomerate is unsorted/unstratified.
TOURMALINITE
(tourm) massive, dark grey to black tourmalinized rock. Most commonly occurs as 0.5cm thick layers of aphanitic "cherty" rock, comprised of 40 to 60 % very fine, felted tourmaline crystals, which replaces argillite at the tops of graded sandstone beds, or in thinly bedded sandstone/tourmalinized argillite couplets. Tourmaline also occurs as thin veinlets and as disseminational replacements. Less commonly it occurs as thicker sandstone beds as very fine felted tourmaline between sand-sized quartz grains.
TOURMALINITE, float
PYRRHOTITE, disseminated, #2%
Bedding (inclined, horizontal)
Cleavage or Schistosity (inclined)
Joints (inclined, vertical)
Quartz Vein (parallel to pier set)
Quartz Vein (inclined, vertical)
Current Direction (from cross bedding)
Current Trend (from ripple marks)
Current Trend (from sole marks)
Outcrop
Fault
Diamond Drill Hole (inclination, total depth)
Grid Line
Road
Topographic Contour (100 foot contour interval)
Stream
Line of Cross Section
Claim Boundary and legal Corner Post
MOUNT MAHON
Chevron Canada Resources Limited
Minerals Staff
MOUNT MAHON
GEOLOGY
(CENTRAL SHEET)
FIGURE No. 9
PROJECT No. M525
DATE 1983
SCALE 1:2000
DRAWN BY
DESIGN/REMARKS
FILE No.
922602