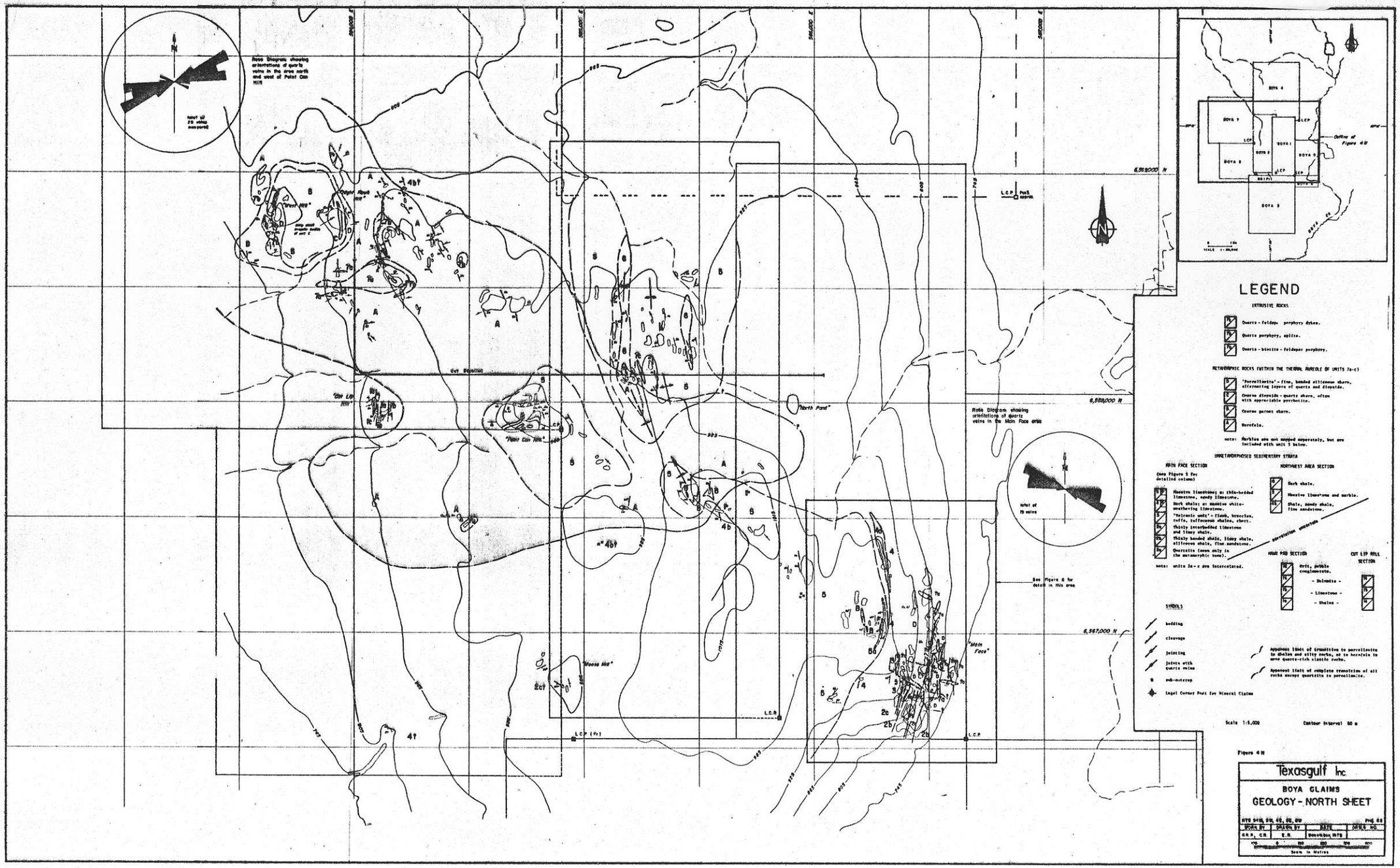
675860 BOYA 94m/4



LEGEND

INTRUSIVE ROCKS

- Quartz - feldspar porphyry dykes.
- Quartz porphyry, aplite.
- Quartz - biotite - feldspar porphyry.

METAMORPHIC ROCKS WITHIN THE THERMAL AUREOLE OF UNITS 7a-c)

- 'Porcellanite' - fine, banded siliceous shere, alternating layers of quartz and diopside.
- Coarse diopside - quartz shere, often with appreciable perthosite.
- Coarse garnet shere.
- Hornfels.

note: Marbles are not mapped separately, but are included with unit 5 below.

UNMETAMORPHOSED SEDIMENTARY STRATA

MAIN FACE SECTION (see Figure 5 for detailed column)

- Massive limestones or thin-bedded limestone, sandy limestone.
- Dark shale; or massive white-weathering limestone.
- 'Volcanic unit' - flows, breccias, tuffs, tuffaceous shales, chert.
- Thinly interbedded limestone and limey shale.
- Thinly bedded shale, limey shale, siliceous shale, fine sandstone.
- Quartzite (seen only in the metamorphic zone).

note: units 2a-c are intercalated.

NORTHWEST AREA SECTION

- Dark shale.
- Massive limestone and marble.
- Shale, sandy shale, fine sandstone.

correlation uncertain

MAIN PAD SECTION

- Grit, pebble conglomerate.
- Dolomite -
- Limestone -
- Shales -

CUT LIP HILL SECTION

SYMBOLS

- bedding
- cleavage
- jointing
- joints with quartz veins
- sub-outcrop
- Legal Corner Post for Mineral Claim
- Approximate limit of transition to porcellanite in shales and silty rocks, or to hornfels in more quartz-rich clastic rocks.
- Approximate limit of complete transition of all rocks except quartzite to porcellanite.

Scale 1:5,000 Contour Interval 50 m

Figure 4 N

Texasgulf Inc

BOYA CLAIMS
GEOLOGY - NORTH SHEET

DRAWN BY	TRACED BY	DATE	DRAWG. NO.
G.R.P., C.R.	E.R.	December, 1978	

0 100 200 300 400
Scale in Metres