







130°15'

SHEET 2 OF 5

OPEN FILE 1987-5  
TOOTSEE LAKE MAP AREA  
1040/16 N.E. 1/4

0 5 10 15 20  
kilometers  
SCALE 1:25,000

59°52.5'

130°00'





Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources



Energy, Mines and Resources Canada

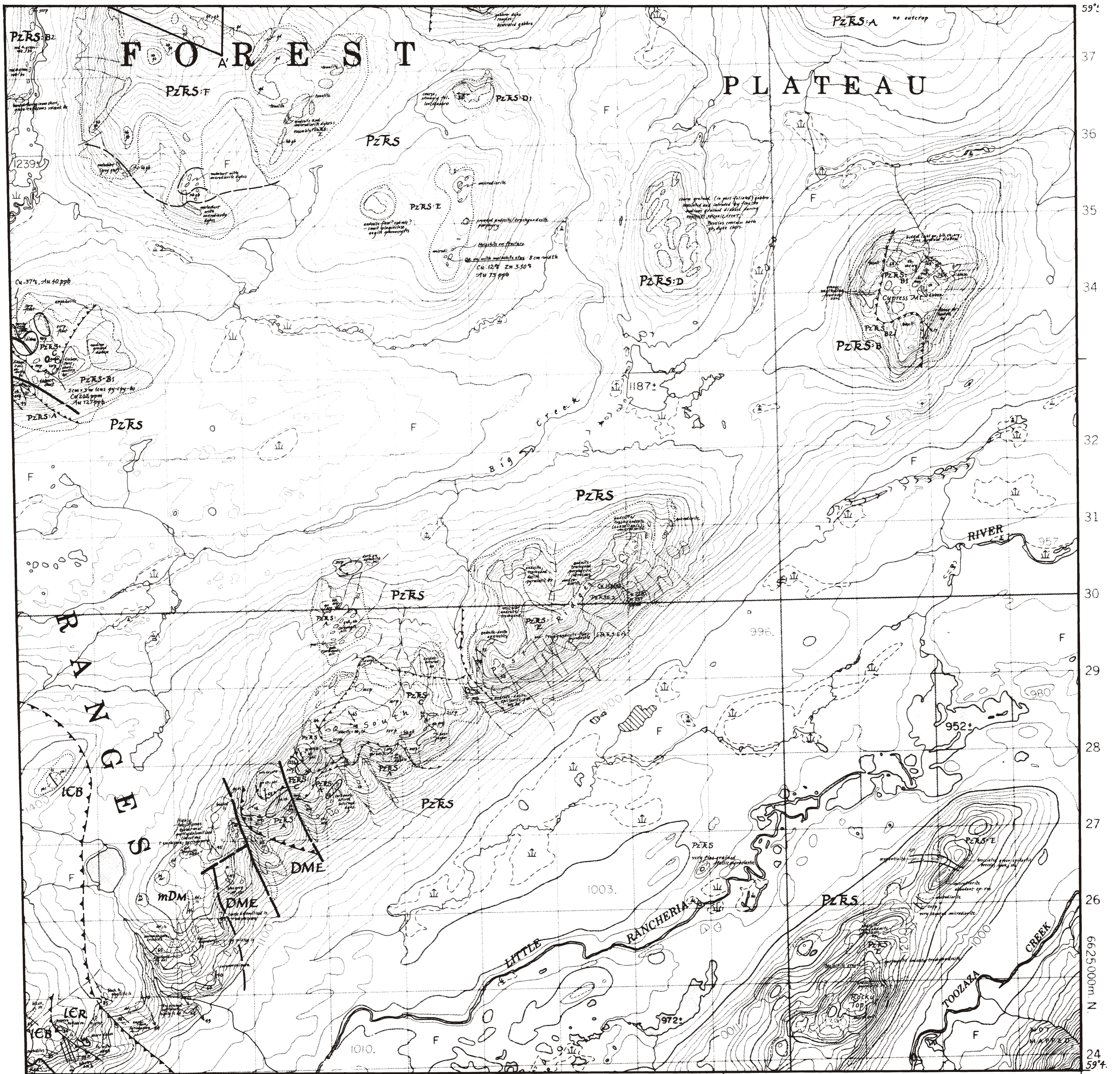
Energie, Mines et Ressources Canada

THIS PROJECT IS A CONTRIBUTION TO THE CANADA/BRITISH COLUMBIA MINERAL DEVELOPMENT AGREEMENT, 1985-1990

59°52.5'











OPEN FILE MAP 1987-5
GEOLOGY OF THE MIDWAY AREA, NORTHERN BRITISH COLUMBIA (NTS 1040/16)

BY J. NELSON AND J. BRADFORD

LEGEND

TERTIARY - RECENT

QTV TUYA FORMATION: basalt, olivine basalt flows

LATE CRETACEOUS? EOCENE? Trd Rhyolite dykes

CRETACEOUS

Kgr, Kgd CASSIAR BATHOLITH. Kgr: coarse-grained granite with potassium feldspar megacrysts; also medium-grained leucogranite. Kgd: coarse-grained granodiorite

PALEOZOIC TO TRIASSIC(?)

PzRS SYLVESTER ALLOCHTHON: allochthonous, internally imbricated assemblage of chert, argillite, serpentinite, basalt and intrusive equivalents, gabbro, diorite-granodiorite, andesite-trachyandesite, limestone and greywacke

PzRS:A Chert, argillite, limestone

PzRS:A1 Dark grey, black, green chert; argillite; minor limestone

PzRS:A2 Limestone

PzRS:A3 Limestone extensively replaced by black chert

PzRS:A4 Salmon chert with green argillite; also varicoloured chert-argillite

PzRS:B Chert, argillite, basalt, diabase

PzRS:B1 Chert and argillite with basalt, diabase sills, dykes

PzRS:B2 Basalt flows, pillow breccia, dykes, local red ferruginous and green chert

PzRS:C Serpentinite

PzRS:D Gabbro

PzRS:D1 Coarse-grained, in part strongly foliated gabbro

PzRS:D2 Gabbro-dyke complex

PzRS:D3 Brecciated gabbro in dust-tuff matrix

PzRS:E Trachyandesite and andesite flows, subvolcanic intrusions, pyroclastics, epiclastics

PzRS:E1 Flows and coarse pyroclastics predominant

PzRS:E2 Subvolcanic intrusions predominant

PzRS:E3 Epiclastic rocks predominant

PzRS:F Zoned hornblende gabbro-tonalite-granodiorite complex

UPPER DEVONIAN - LOWER MISSISSIPPIAN

DME EARN GROUP: slate, sandstone, greywacke, conglomerate, siltstone; minor, local baritic and siliceous-pyritic exhalites

MIDDLE DEVONIAN

mDM McDAME GROUP: dolomite, limestone

SILURIAN? TO LOWER DEVONIAN

SDTS TAPIOCA SANDSTONE: dolomitic quartz arenite, quartzite, dolomite

ORDOVICIAN - SILURIAN

OSRR ROAD RIVER GROUP: graphitic limey slate, argillaceous limestone, slate, dolomite

CAMBRIAN - ORDOVICIAN

OK KECHIKA GROUP: thin-bedded calcareous slate, siltstone, limestone

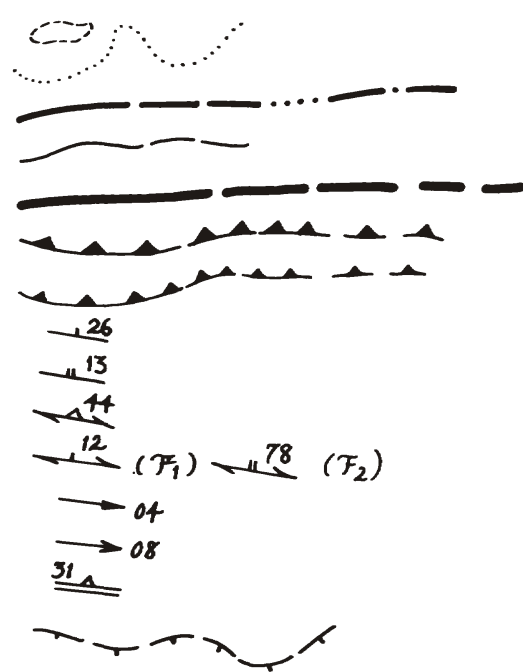
LOWER CAMBRIAN ATAN GROUP

ICR ROSELLA FORMATION: limestone, dolomite, slate

ICB BOYA FORMATION: quartzite, greywacke, slate, siltstone, conglomerate

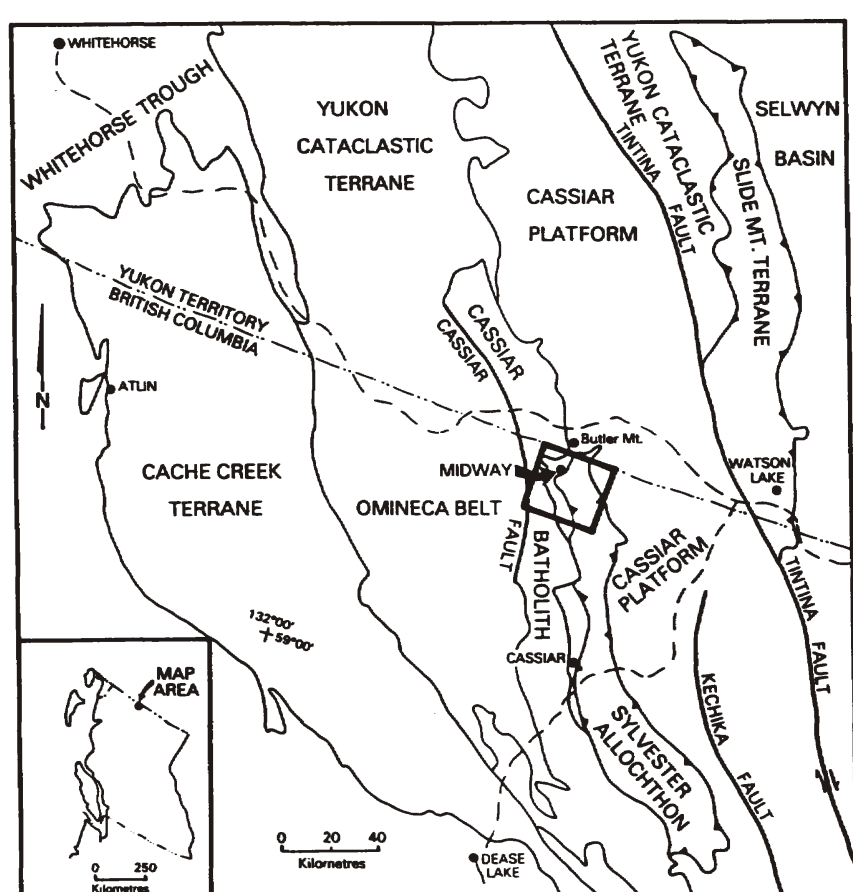
SYMBOLS

- Limits of outcrop/subcrop
Limits of talus, scree, float
Geological boundary (defined, approximate, assumed, gradational)
Lithologic contact within mapped unit
Fault (defined, approximate, assumed)
Thrust fault (defined, approximate, assumed)
Thrust fault within Sylvester Allochthon
Bedding, tops known or inferred
Bedding, tops unknown
Cleavage, foliation: unknown age
Cleavage, foliation: generation as shown
Lineation
Minor fold axis
Axial plane of minor fold
Limits of alteration zone

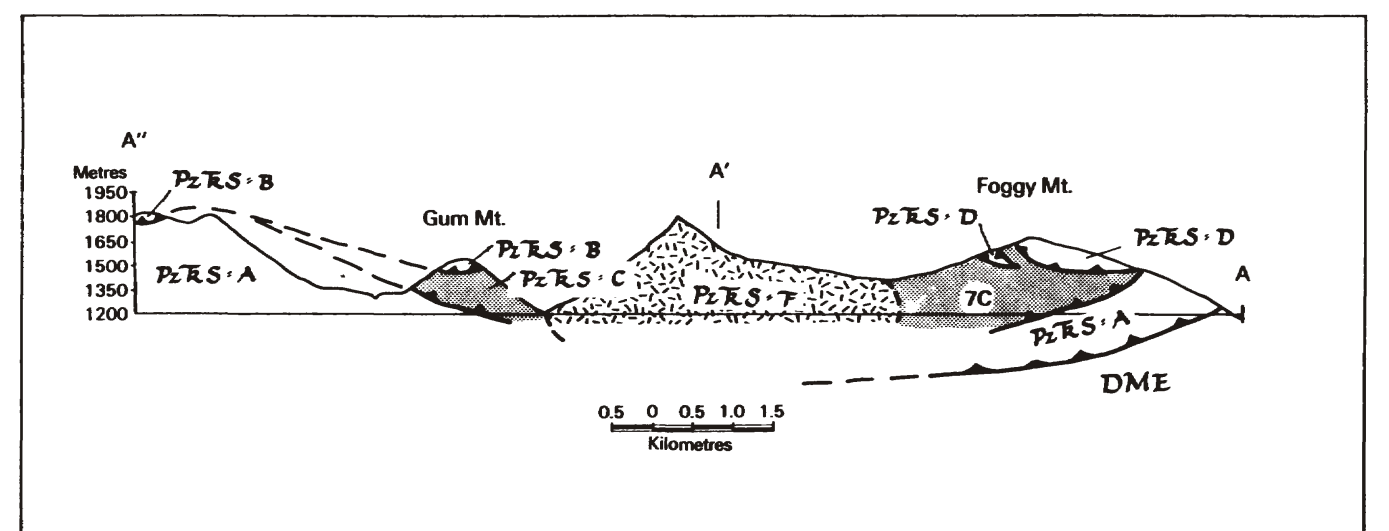


MINERAL OCCURRENCES, 1040/16

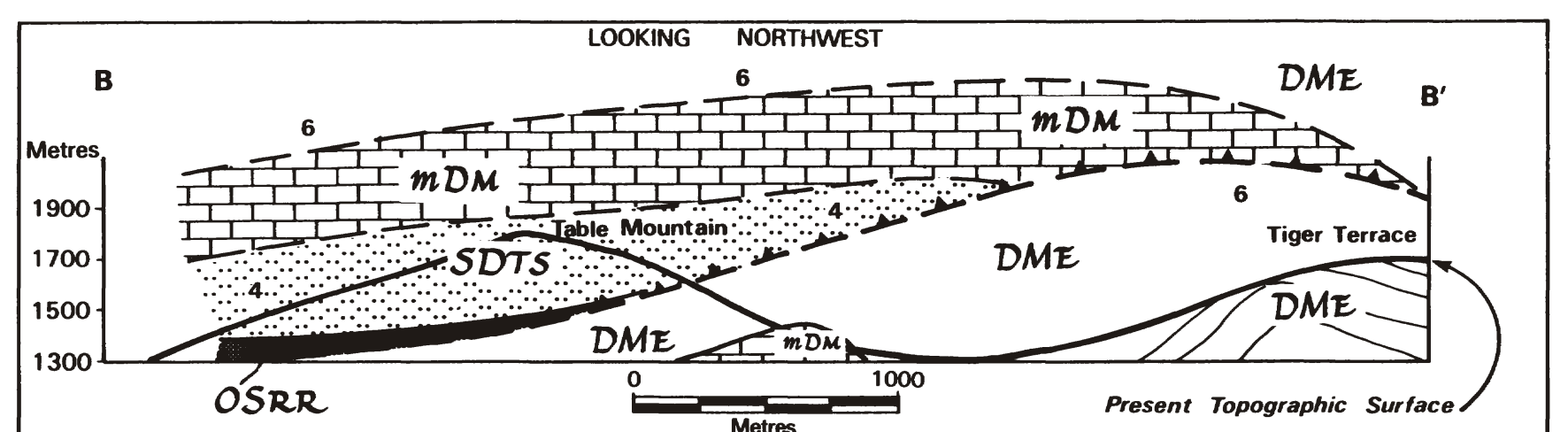
Table with 5 columns: Name, Minfile No., Economic Minerals, and Description. Lists 14 mineral occurrences including Midway exhalites, Ewen Barite, Perry Barite, Nancy, Amy, Midway Lower Zones, Silverknife, Tootsee Star, Lucky, Luck, Silvertip, Ran, Reb, Hat claims, Berg, and Gunnar Berg.



Location Map 104 0/16



Fence cross section through Sylvester Allochthon, Foggy to Gum Mtn. (A-A'-A'')



Extrapolated cross section showing thrust ramp in autochthonous strata, Table Mtn. to Tiger Terrace (B-B').