NART

Prince Charles Mountains

1971

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Friday 13th Jan

Flare Pyramid — White Massif

White Massif: apparently all charnockite as reported for E. and by Crohn. prominent banding — see photos & map — N.B. Mottled [illegible] and greenish. Crohn [illegible]

Mt McKenzie: Immediately E of summit come bounded by 2 linear cliffs ? faults. Mt Mac itself appears slightly different from the charnokite to the E.

[illegible]

Unnamed peak N of [illegible]: Medium grained charnokite granite. NO [illegible]

[illegible]

→

near vertical. Strong fracture runs approx. NNW-SSE, with major joint [illegible] spacing [illegible]

continued along ridge to West. Numerous basaltic basic material (amphibolite) aligned parallel to the fracture direction, with [illegible] possibly as [illegible]

? photo to E. of near vertical [illegible] on the next rt.

On summit at W. end, fresh grey-blue charnockitic granite with almandine ~~garnet~~ garnet up to ⅔. Sample S.1. fresh rock [illegible] stained rock

S.2. – on descent to [illegible] col and saddle to 11., white platy mineral [illegible] 2 samples. Present only among the boulders.

S3. Most Northerly summit on ridge [illegible] valley [illegible] [illegible]
([illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] granite with garnets
sample S.3. patches of brec rocks (S4.) same as [illegible].
Headed along ridge to S, [illegible]
[illegible] garnet [illegible]
[illegible]
[illegible]
numerous boulders of grey-blue granite with abundant garnets [illegible]

[illegible] sample S.5. – [illegible] granite, [illegible] garnets.
Note [illegible] of [illegible] i.e. ? hybrid zone abundant also [illegible] dyke.

Saturday PM. on Murray Dome
[illegible] plates of Mc
2 [illegible] —
[illegible] area.

5.6. Bond of basic rock (sample
[illegible]

Summit Murray Dome: no exposure

Surface rubble is [illegible] ≤ [illegible]
separate part [illegible]
[illegible] vertical banding [illegible]
[illegible] appears E–W
Bill [illegible] the appearance [illegible].
No [illegible] rubble is
[illegible] in appearance with respect
[illegible] [illegible]

Mt McLennan - no. S 9. Wedge.
See map. Sample S 9.
Case gr. Knockite granite, no garnets seen. Foliation fairly represented, dipping to E approx, strike parallel to edge of ice, dip 50°-60°, general character similar to that of rocks to east but more altered below - albeit few pics taken.

Unable to go via Thorson Massif etc, so continued via Mt Creighton.

Hall Nunataks - snow covered.
Mt Orney - unable to land, 2 photos to W. & N.E.

~~Mt Pond~~ Mt Pond - [illegible] land on northern part of [illegible] to Mt [illegible] - [illegible] side. [illegible]

[illegible] gneiss below comp med-coarse grained qtz feldspar gneiss [illegible] biotite & [illegible] garnet [illegible] to be [illegible] later.

S.10 - end of [illegible] qtz-feldspar, [illegible] strong jointing [illegible] Weakly defined foliation parallel to [illegible] immediately [illegible] by [illegible] with garnets.

Continuing N along ridge, [illegible] soft band.

S.11 immediately above comp. General comp. similar to S10 but [illegible] E-W. WSW [illegible] elongated. foliation emphasised by [illegible] sheets, a few [illegible] band [illegible]

S.12

S.13

S.14. Top peak immediately S of ch. Q: 2 feld. garnet gneiss. Isolated [illegible]

S.15. Slope from [illegible]

[illegible] as before,
[illegible] poorly
[illegible]

area

[illegible] basic rock [illegible] ? metadyke.
[illegible]

[illegible] ridge [illegible] basic [illegible]
[illegible] EC [illegible]

New film [illegible]

[illegible] with the [illegible]
[illegible]

[illegible] Ladder.

[illegible] opposite [illegible]

Unable land MT ~~[illegible]~~ Orange & no opinion [illegible]

[illegible] Alberts. Measure partly finished [illegible] south [illegible]

South to MH Bond. - Pole - 24 - well loaded gas fell, and [illegible]

Continued [illegible]

2.25 L. cont'd H Hock

Hed green [illegible]

Hedgy similar to Pt [illegible] 2,

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Hock - Virtually

no [illegible] possible

Bridlehead [illegible] out

[illegible] strike [illegible]

[illegible]

Fuller Platform - partly exposed,

[illegible]

[illegible] gc [illegible]

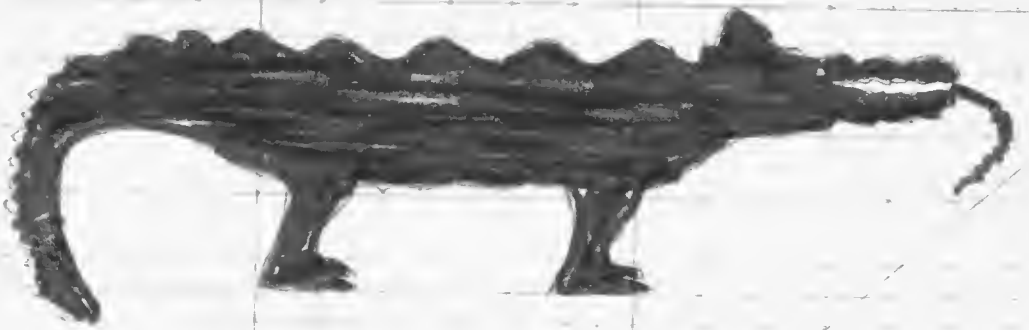
In trend

$\frac{1}{P}$ [illegible] oxygen
[illegible] 31 - 35 [illegible] left below.

Manning Massif

Med - CSC gr. gro

peg. bands 0' to 12' unde



1991 PCM F.U.

09

YIWEZ YIGLO

YI~~Z~~SEV WUYHU

WUYPA ARALUEZ

W

W [illegible] YACLE YO

[illegible]

[illegible]

[illegible]