# MACROFAUNA NOTES



## MURPHY - B.O.C. - ARROWHEAD R. No. 1

## 60° 50' N., 122° 06' W.

JUNE 1971

MACROFAUNA NOTES BY RAASCH AND ASSOCIATES (GEOLOGICAL CONSULTANTS) LTD
GRAPHIC REPRESENTATION BY L.E. WORKMAN P GEOL

| 1 AGE | 2 GROUP / FORMATION / MEMBER | 3 DEPTH OR FOOTAGE | 4 SHOWS | 5 TYPE POROSITY | 6 PERCENTAGE POROSITY | 7 LITHOLOGY | 8 GRAIN OR CRYSTAL SIZE | 9 DIAGENESIS: ROUNDING | 10 DIAGENESIS: SORTING | 11 FRAMEWORK (GREATER THAN SILT SIZE) | 12 MATRIX: LIME MUD, CLAY MINERALS, SILT | 13 CEMENT: CALCITE, ANHYDRITE, SILICA, MISCELLANEOUS | 14 ROCK BUILDERS: SAND, STROMATOPOROIDS, AMPHIPORA, CORALS, BRACHIOPODS, GASTROPODS — OSTRACODS, BIOCLASTIC, OOLITES, PELLETS, ALGAE | 15 DESCRIPTION | 16 BEDDING | 17 WEATHERING |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EARLY FRASNIAN | SLAVE POINT | 5700 | | | | | | | | | | | | Core 1, 5694-5743, rec 49'<br>Ls, gy, f, Strom, abnt macaroni Amph plus some msv & msv ceriod types | | |
| | | 20 | | | | | | | | | | | | Thamnopora, tab Strom, m diam horn Cor coll 5706-7; solid-packed Strom, mostly amph 5707, lrg thick-shell Brac 5708<br>Highly pel 5710-11<br>In-situ Stach 5713.5-14.0<br>Ls, lt gy, pel/m xtln, blk bit str; branching tab & msv Strom, in-situ Strom 5718-20 | | |
| | | | | | | | | | | | | | | Some blk ls clasts wi c bioclas mtx 5727<br>Many lrg ang frag msv Strom 5730 | | |
| | | 40 | | | | | | | | | | | | Dominantly tab Strom<br>Core 2, 5743-92<br>Ls, some tab Strom wi minor dk ls lam between | | |
| | | | | | | | | | | | | | | Ls, dk gy, f xtln, Strom as in Core 1, tab Strom prevalent, some msv, some branch, in-situ Stach colonies 5748, cabbage 5751-58 | | |
| | | 60 | | | | | | | | | | | | Sim Strom ls but frag mat msv, branch & tab, v c bioclas in low pt, Brac com, coll @ 5783.5, Atrypa sp "Slave Point", abnt zmo Brac coll 5790-91 including terebratuloids, horn Cor coll 5791.5 | | |
| | | 80 | | | | | | | | | | | | | | |
| EARLY GIVETIAN | HUME | 6180 | | | | | | | | | | | | Core 3, 6178-6253<br>Ls, mrly, nod-mot, blk mtx wi brn-blk nod & bands, crpxl, pt bioclas, Plcy abnt @ some levels, coll @ 6179-80, 6182.5, 6188, Gast (mainly sm murchisonids) abnt 6184-86 | | |
| | | 6200 | | | | | | | | | | | | Sim dk nod ls but msv wi msv & branch Strom, branch Tabulates, Iter & crsr (top) downward increasingly bioclas, some Plcy, Brac, rare Crin, Cor 6195, Euomphalus 6226 | | |
| | | 20 | | | | | | | | | | | | Ls, dove col, lith, as in 146 well, (this lithology prevails into top Core 4), some drkr intbeds nod wi msv Strom & Amph, Plcy Gast, sm Brach coll 6231, espec 6235-40 | | |
| | | 40 | | | | | | | | | | | | TOPS<br>SLAVE POINT 5694<br>(Sched. 3, "SULPHUR PT.")<br>WATT MOUNTAIN ?<br>PREBOU'ILE ?<br>HARE INDIAN 6045<br>HUME 6145 | | |

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