

M. THICKS

CHIN CK.

JUNE 14 1984

840678

PROSPECTING CREEK JUST WEST  
OF LCP.

MT4T1-72

FLOAT.

F.G. TO M.G. INTRUSIVE POSSIBLY  
DIOR OR GDR? RUSTY WEATHERING  
ON FCT  $\frac{1}{2}$ " RUST" ENVELOPING FCT  
INTO ROCK. FRESH SURFACE LIGHT  
TO MED. GREY. CONTAINS CA VEINS,  
MINOR QZ VEINS WITH MINOR AMOUNTS  
OF DISSEM PY. PY ALSO OCCURS  
DISSEM THROUGHOUT ROCK UP TO  
0.5%. ANOTHER SULPHIDE OCCURRED  
AS LONG ALMOST NEEDLE SHAPED  
MINERAL THOUGH DIDN'T LOOK  
LIKE SB.

MT4T1-73

FLOAT.

FROM SAME BOULDER AS #72.  
RUSTY WEATHERING V. F.G. EQUIV  
TO ABOVE OR POSSIBLY RHYL.

DARK GREY ON FRESH SURFACE.  
PY OCCURS AS BLEBS & DISSEM  
UP TO 1%. MINOR CARB VEINS  
AND QZ STRUNGERS(?) POSSIBLY  
ANOTHER VARIETY OF SULPHIDE.(?)

MT471-74

TRULUS.

TAKEN IN SAME AREA AS 72 & 73.  
RHYL THAT MAY BE BANDED. RUSTY  
WEATHERING SURFACE, BUFF LIGHT  
BROWN WEATHERED SURFACE. CARB  
VEINS & POSSIBLY MINOR QZ VEINS  
CUT RHYL. CONTAINS BLEBS OF  
PO & PY < 0.5%.

MT471-75

o/c.

INCLIN FM GYWK. RUSTY DUE TO  
FE-CARB VEINS THOUGH ALTHO NOT  
EXTENSIVE (OVER 20m). M.G. w/  
GRANULAR TEXTURE.

SAMPLE TAKEN TO COVER INCLIN.

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MT4T1-76

dc.

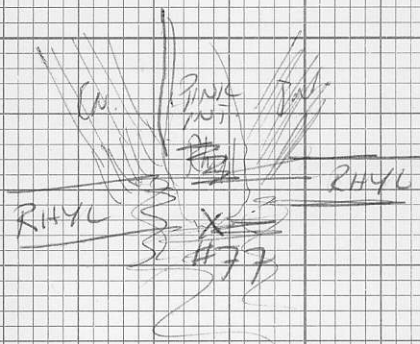
INCLIN ~~BYWK~~ ~~WITH~~ CAUGHT  
UP IN A FAULT. BYWK  
INTENSELY CARB-CLAY AL<sup>n</sup>.  
ALSO HEMATITE STAINS.  
NO VISIBLE SULPHIDE. CONTAINS  
NARROW,  $\leq 1$  mm WIDE CA VEINS.  
ATTITUDE OF FAULT 035-MOVEMENT  
HORIZONTAL THE FRACTURE VERTICAL.

MT4T1-77

dc

RHYL DYKE CAUGHT UP IN  
THE NOSE OF A SYNFORM.  
SIMILAR TO #74 ONLY NO PD.  
HEMATITIC OR PCT, BLUE-GREY  
TO BUFF ON FRESH SURFACE  
PY DISSEM  $\frac{1}{2}$  IN STRINGERS UP TO  
1%.

\* THIS DYKE CAN BE TRACED INTO  
INCLIN SODS & THERE IS NO  
AL<sup>n</sup> AROUND CONTACTS.  
TRUE WIDTH OF DYKE  $\sim 2$  M.



PINKISH BUFF INTRODUCTION  
 SEEMS TO BE FOLLOWING AXIS  
 OF SYNFORM (SLIGHTLY TO EAST)  
 IN FORM OF A SILL.

RHYL DYKE CUTS INKUNFM  
SEDS  $\approx 90^\circ$  DIPPING  $\approx 40^\circ S$

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MT 471-78

o/c

FOOTWALL ENKIN SAMPLE, POSSIBLY  
 HORNFERSED (?). MINOR RUST ON  
 FCT GENERALLY A DARK GREY TO  
 BLACK MX. APPEARS SHALEY BUT  
 SOME FP PHENOS ARE CLAY ALT.  
~~HANGING~~ FOOTWALL MATERIAL IS  
 NOT VERY JUICY W/ LITTLE ALT.  
 HANGING WALL ENKIN IS UNALTERED  
 & LOOKS PRETTY MUCH LIKE ALL  
 OTHER ENKIN BYWK - SUST etc.  
 TAKEN NEAR # 77.

MT 471-79

FLOAT.

PIECE OF RUSTY RHYL  
 CONTAINING ~ 5% PY. ONLY  
 PEBBLE FOUND LIKE THIS -  
NIO HAND SPEC  
 COLLECTED BETWEEN #75 & #76

JUNE 14

MT471-80

FLOAT.

FLOAT FROM CAMP.

POSSIBLY PARTIALLY SILICIFIED  
SED (SLST?) OR U.M.??

APPEARS CARBONACEOUS, TRACE PY

DISSEM. LIGHT GREENISH-GREY

WEATHERED SURFACE, MED GREY

FRESH SURFACE. KE ON FLT. HAS A

SHEARED TEXTURE.

M. THICKS

H/O FLY CAMP - CHIN CK.

JUNE 14/84.

The day was spent prospecting the creek just west of LCP - CHIN CREEK. Float and outcrop was sampled as well as some fill-in takes fine samples.

Fresh Bucklin Fm sedts as well as some slightly altered, to intensely carb-clay altered sedts were encountered & sampled. A rhyolite dyke cutting Bucklin sedts contained pyrite disseminations & stringers up to 1%. This rock was sampled but in the past these rhyolites have failed to run. The footwall zone within the Bucklin sedts (~~then~~ beneath rhy) was also sampled. It contained little alt<sup>n</sup> but was perhaps hornfelsed. The hanging wall zone was unaltered.

~~within~~ The <sup>upper</sup> Chin Ck area may be the axis of a synform. This area contains abundant folds but little else.

After 2 days of prospecting we have found little evidence of any major silicification-alteration or mineralization within the Bucklin Fm sediments. The sediments are often rusty along fractures & on weathered surfaces, much of this due to the intrusion of carbonate-dolomite veins & intrusive bodies such as rhyolite dykes, intermediate intrusions etc.

Hopfully the soil sampling will delineate any further follow-up work necessary.