840723

LD-16

Rock descriptions.

LDTI-122

First sample taken NNE of Tasmania Lake.
Extremely altered qfp riddled w aphanitic chalcedonic
quartz stringers. RLTI-359 at this locality. White weathering, fine grained.

LDTI-123

Tuffaceous breccia. Fine grained, bedded, rock looks like
volcanic breccia w fine clasts of exotic rocks including
black shaley particles in a siliceous, rhyolitic matrix.
Very porous rock. Matrix does not appear to be silicified.
Found one of C. Stephen's crew's flags @ this point.
Beds (undetermined thickness) strike southeast towards Tasmania
LDTI-124 Lake. Couldn't follow because grizzly was
walking around on it!! Rock exhibits beautiful graded
bedding.

LDTI-124

White-weathering, fine to medium grained extremely highly
altered qfp. Plagioclase completely altered to kaolinite in a
fine grained, porous, siliceous matrix. Very highly fractured.
Similar in appearance to LDTI-122 but lacks the
chalcedonic silica veins.

LDTI-125

Adjacent to LDTI-124. Matrix and feldspars less highly
altered but rock cut by fine calcite veins (quartz
appears to be absent). In area of highly fractured rocks.

LDTI-126

Highly silicified, bedded, blue-grey coloured hornfelsed siltstone. Cut by mysiadal networks of quartz-filled stringers. No sulphides observed. Extremely dense, heavy rock.
(Helicopter stop)

LDTI-127

Another helicopter stop.
Similar to LDTI-125 & 124. "Oyster Rock". An area of heavy fracturing. This is, again, a highly altered qfp, extremely highly fetrid. Feldspars completely gone to Kaolinite in a porous, siliceous matrix. Minor qtz. veining observed, but again, volumetrically of minor importance.

LD-16

Summary July 6/81

AM in camp trying to organize camp & plans

PM to area south of One Way Lake and Tardis claims where Cam Stevens camp was (they've moved on).

The traverse started to the East of Tasmania Lake in highly altered qfp with local ± 20°-striking zones ≤ 1m-wide max. of chalcedonic silicification. Ran into Bear at this point. Traversed south for about 1 km crossing rhyolitic ash tuffs and breccias exposed as a bed of indeterminable thickness and striking approximately E-W towards Tasmania Lake. Then traversed around the south side of Tasmania Lake and E-W down ridge until pickup at 5 PM. This part of the traverse was almost entirely in unit 15 qfp. The rock varies between white-weathering qfp and pinkish brown feldspar porphyry which lacks quartz. Local, very thin zones which trend a little east of north were invaded by very thin seams of chalcedonic quartz. In these zones the rock was browny-rusty weathering but no sulphides were observed. These zones were thin and, in this traverse at least, volumetrically insignificant in the rocks observed.

After pickup we swung around to rusty weathering area .5 km south of Tasmania Lake and found rusty-weathering extremely fine grained siltstones plus 2 flags of C. Stephens crew.

CHEVRON MINERALS —— DAILY TRAVERSE REPORT

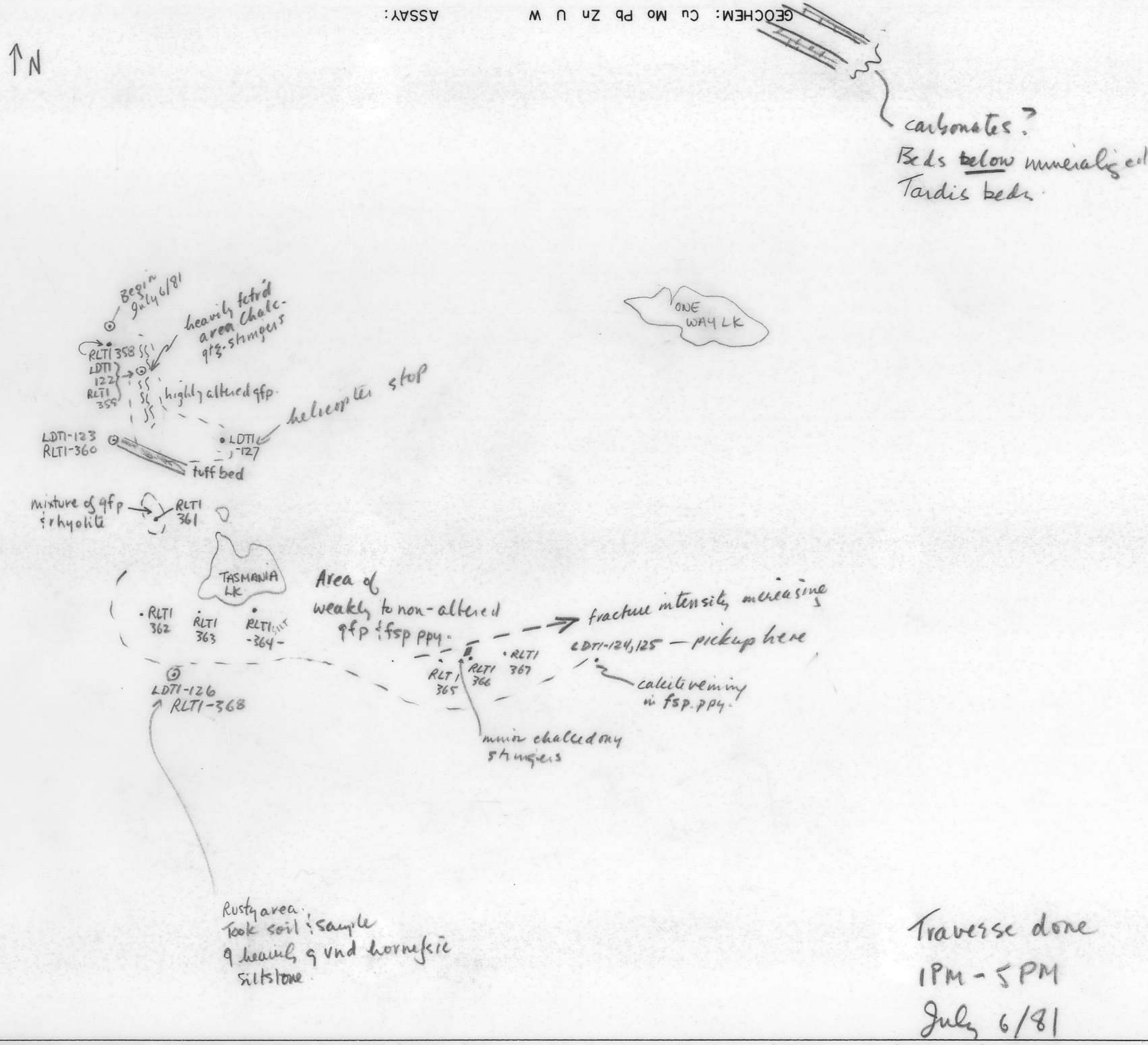
Project M-504 | NTS 104-K | Scale ~1:30,000 | Page of | Traverse LD-16 RL-27

Sampler LD, RL | Location, Target (words) SW of ONE-WAY LAKE | Sample Nos LDT1-122-127 | Cert. Nos RLT1-358-368

Date July 6/81 | photo no.

122, 123, 124, 125, 126, 127

GEOCHEM: Cu Mo Pb Zn U W   ASSAY:



DON'T FORGET CONTOURS, DRAINAGE, NORTH ARROW, LAT/LONG, SAMPLE SITES, WORKINGS, TRAILS, GOSSANS, OBSERVED GEOLOGY: DEFINED —— INFERRED — — — ASSUMED.....

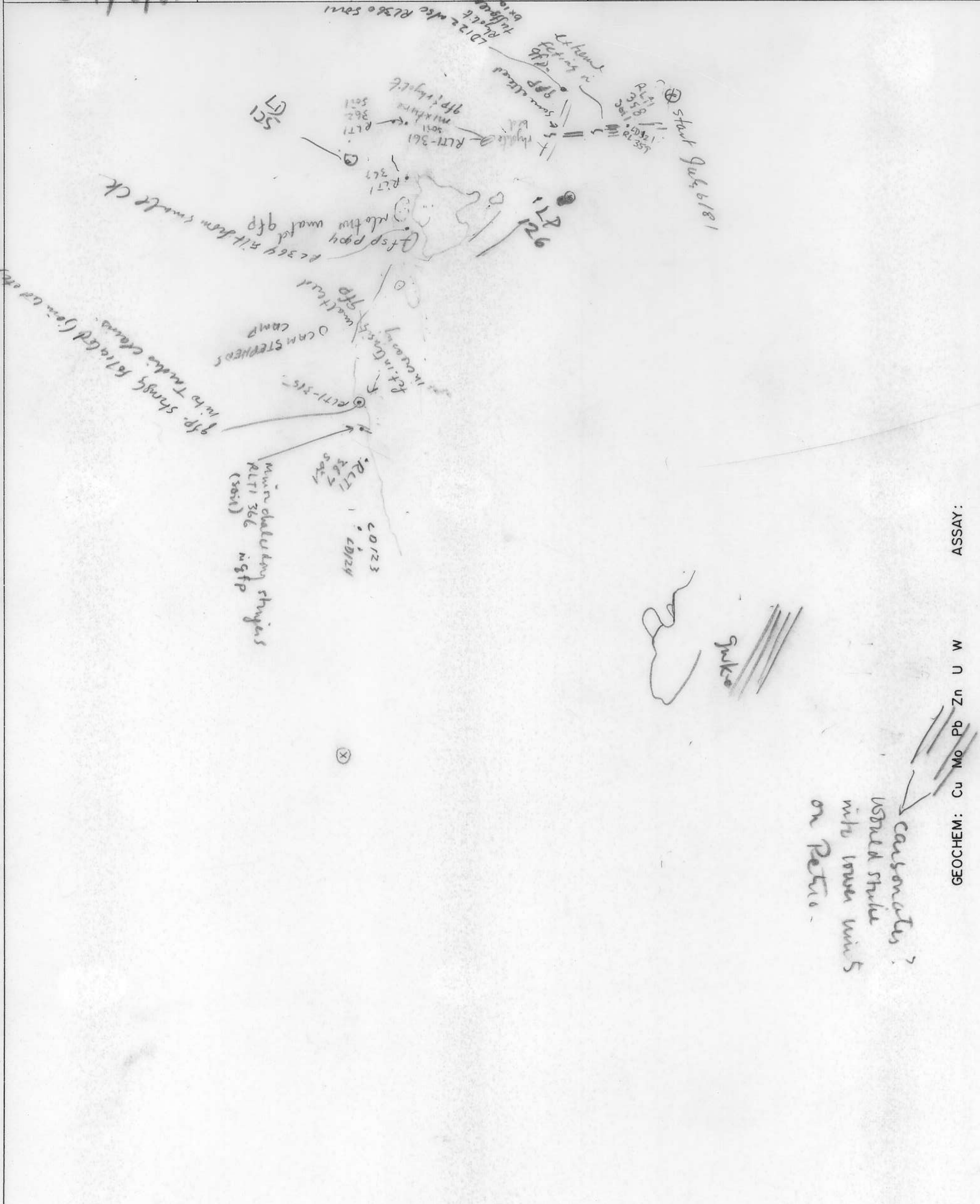
SILT X SOIL ● ROCK ■ PAN △ WATER O   SPECIMEN SITE A.B.... DO NOT WRITE ON OTHER SIDE OR USE COLOURS

GOSSAN, MINERALS | INTRUSIVE | LIMESTONE DOLOMITE | SHALE | CHERT | VOLCANIC | CONGLOMERATE | SANDSTONE SILTSTONE | ATTITUDES (100/40 N)

BCIL 6662a—CSM

Project	NTS	Scale	Page of	Traverse LD-16
Sampler LD	Location, Target (words)		Sample Nos	
Date July 6/81	photo no.		Cert. Nos	

GEOCHEM: Cu Mo Pb Zn U W ASSAY:



CHEVRON MINERALS ——— DAILY TRAVERSE REPORT

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