

MOSQUITO L. AREA - Q.C.I.

842022

(TWO BY TWO Designated claim)

Location: 2 mi NW of Mosquito Lake

Geochem: A large area, some 3 mi by $\frac{1}{2}$ mi, carries an abundance of anomalous Au (and Hg) samples. As is generally low. Some of the best Au values (according to W.H.) are at the upper Kunga contact.

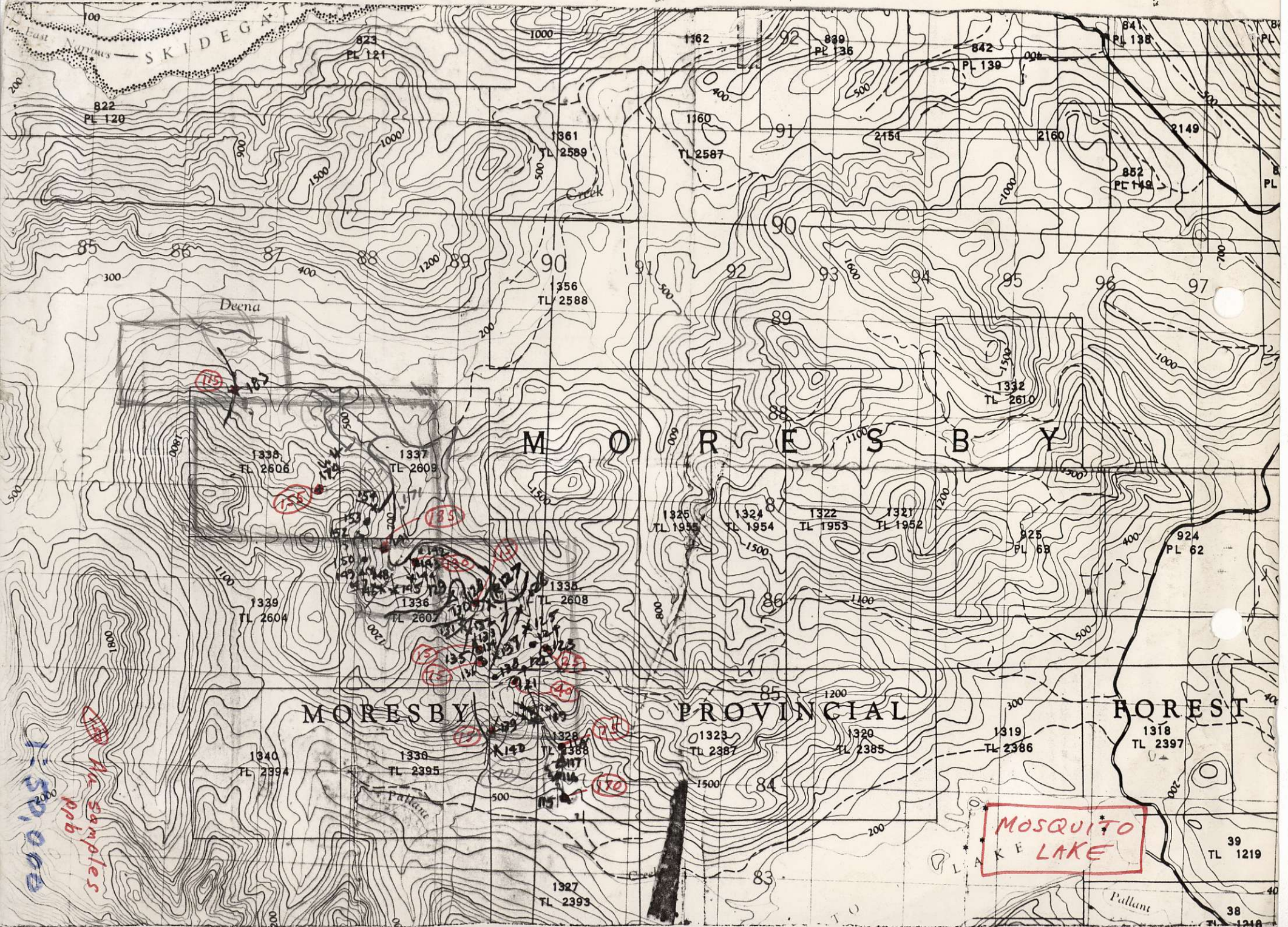
Geology: The area sampled is mainly Kunga, and particularly the argillaceous Kunga unit. The sediments are cut by andesite, but it is not clear whether this is intrusive or extrusive, or to what age it belongs (map suggests Yakoun; W.H. suggests Bonanza; G.R. suggests Karmutsen)

Alteration: Quartz filled shears are present in argillite and in andesite, but mainly the latter. Silicification was found flooding some Kunga float. Some leached gossanous zones are present, but pyrite is generally lacking.

Other: Minor malachite was observed in one sample (#121) but no Cu assays have been made.

D.A.

D-27



150000
 2000
 1500
 1000
 500
 0
 500
 1000
 1500
 2000
 2500
 3000
 3500
 4000
 4500
 5000
 5500
 6000
 6500
 7000
 7500
 8000
 8500
 9000
 9500
 10000

MOSQUITO LAKE

M O R E S B Y P R O V I N C I A L F O R E S T

Deena

Pallant

1340
 TL 2394

1336
 TL 2395

1327
 TL 2393

1323
 TL 2387

1320
 TL 2385

1319
 TL 2386

1318
 TL 2397

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 TL 1219

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 TL 1218

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 TL 2606

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 TL 2609

1339
 TL 2604

1336
 TL 2607

1335
 TL 2608

1325
 TL 1955

1324
 TL 1954

1322
 TL 1953

1321
 TL 1952

925
 PL 69

924
 PL 62

1332
 TL 2610

1361
 TL 2589

1160
 TL 2587

842
 PL 139

841
 PL 138

822
 PL 120

823
 PL 121

839
 PL 136

852
 PL 149

840
 PL 148

with bdg. 80/45

At ck. / lower rd., reset to 0.

Head S on road.

1300' Poss o/c bk speckled, A, w/
diss. py.

1600' Same

2500' Lg. app LS on L.

3000' End of road

Soil, dk bn. Some hema particles

(SA) MO-D8-10

Return along rd.

At previous 2650' pt, silt, dk. bn., sndy

(SA) MO-D8-11

At previous 1300' pt

(SA) soil MO-D8-12

Dk bn, in high bank, sl. rusty

At prev. 500'. Sm rusty o/c

(SA) MO-D8-13

Back @ last 0'

Reset to 0'

0'

300' Arg sub/ole

400' LS o/c & mixed

500' rusty, all'd volc A?, diss py

750' Quarry on R.

(a) bk. speck A

(b) v. limy arg. (or argill ls) Abund CO₃ stragrs.

950' " "

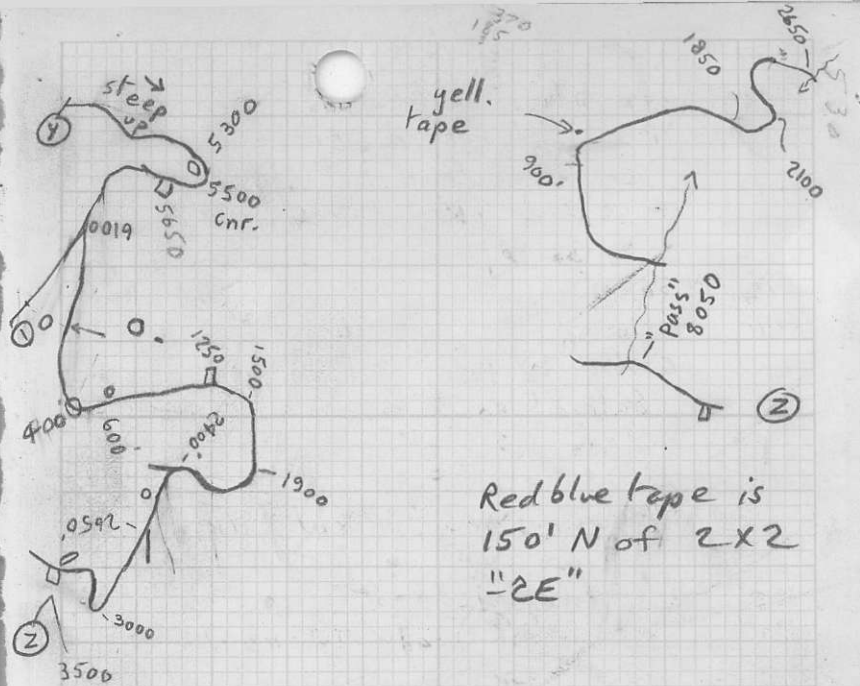
975' A, bk. sp. To →

1150' ct. To Carbon. CO₃ - Ls/arg. / over A ←

↑ ~10%

Bdg ~73/40N (11 topo)

alm gabbro.



Red blue tape is
150' N of 2x2
"ZE"

4050 (Cont'd)

but with interbed ls bdg 110/75N
+20' bdg 110/70S
Then +50' becomes v. crumpled
to end of c @

4500' Had to be fault in there
somewhere ??

5000' End of log road. Soil. Med bn.
Mo-DB-9

Return to last 4500' v. approx. At this
point sm. ck runs 115° to lower
road. 1/2 way down ck, out of
contorted arg. into straight Ls

400' Calcareous gw, soft
600' (a) Argillite. Thin w/d 147°/60NE
(b) Siltstone. 50' further on. 20' o/c.
Rusty weathering. (SA)
Mo-DB-5 (somewhat hvly
sheared).

850' sm o/c gw in rd.
1250' "Quarry" ← also CO₂ & C
Argillite, pyritic in pt. Bdg 128°/45N.
Siltstone? dark gy
Gabbro intr.

All v. broken up
(SA) Mo-DB-6 Mixed bag. And/Ls
flagg.

1900' Blue/orange v NS tap line

2400' Just below knob. Intersec

2450' Stpsh climb.

o/c Bk. speckled A, fairly
massive o/c appnce.

Also bk gouge zone (SA) Mo-DB-7

2650' Intersec

2700' Gabb. v. chlor. In rd bed

3000' 40° to "MOPK"

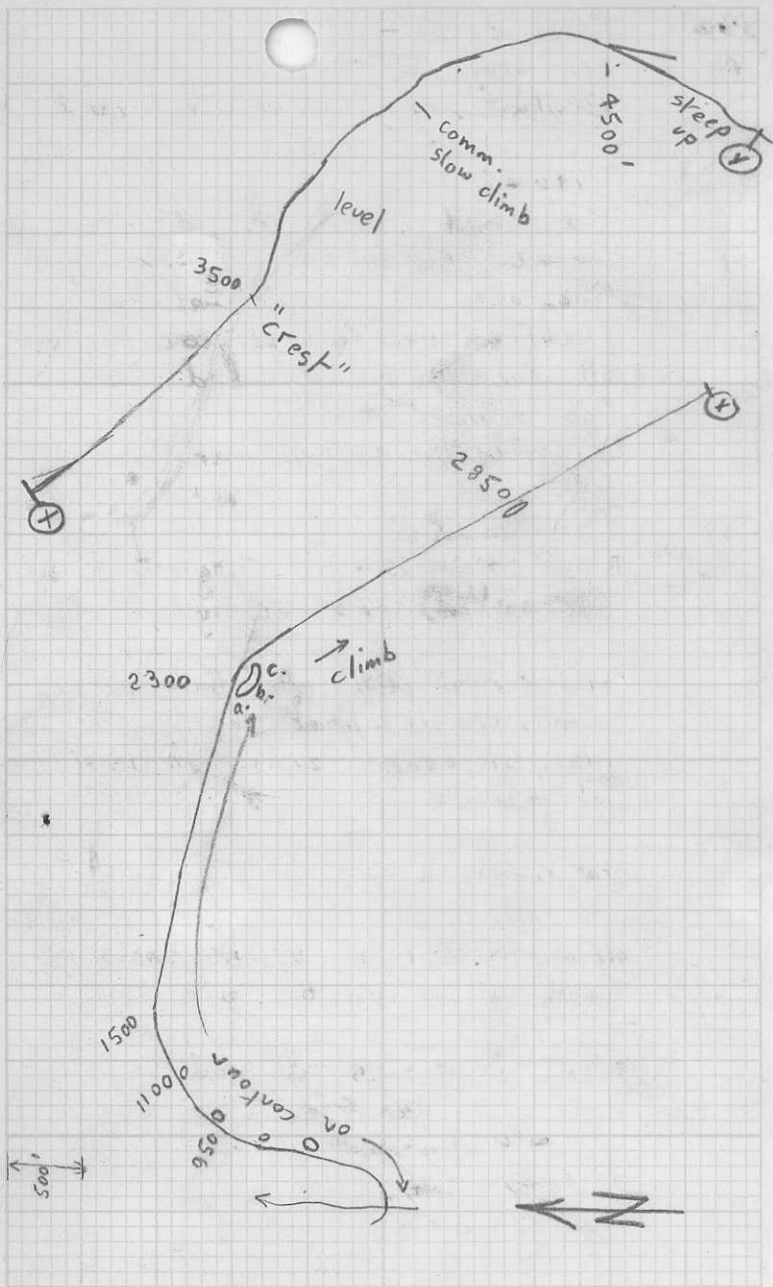
138° to "rust"

3500' o/c on R. lge 100'x50' Ls, mass gy
Quarry on L. - par. bas. wh. phenos - 3mm
- Arg. v. contorted
- Ls. poss fill of trend NS,
dip to S

(SA) Mo-DB-8 Mixed, all'd of Ls.

4050' still Ls on R.

" (new) arg w/ C, CO₂ on L.



4500' Intersection
5300' UM, serpented
Abundant arg w/ CO_3 unlets in road float.

5650' "Quarry"
Thin bddd arg., thick bddd gw,
some gn. silt-st. as @ 550'.
Mod. var. CO_3 , as well as local
carbonaceous & gossanous.
(SA) MO-DB-2. Mixed chips
of altered mat'l.
Bdg $\approx 100^\circ/65\text{N}$, but variable

6100 Intersection.
(SA) Float MO-DB-3. Arg-limestone^{c.g.}
(detrital) w/ some py

(1) End of spur 650', 140° from intersection
Small o/c 50' SW of end.
Soil, gossanous, 30' SW of road,
(SA) MO-DB-4
Andesite? Soft, homo, gy.

Continue up hill to upper road &
turn R. Re-set to 0'

0' Poss A o/c in rd bed
A is 'speckled' w/ bk
hb? phenos
Steady climb

Mosquito L. AREA

17 June 78

0' ck. xng on rd. near centre of
TWO BY TWO

Heading NE initially

550' Chert / greenish siltstone, interbedded
thinly. Bdg 114° , vertical
Some silicified argillite

700' Greywacke, thick bddd @ $130^\circ / 65^\circ N$

950' chert / arg. - thin bddd, contorted
& poss. dyke / flow, dark grey
with pale grn. spherulites &
tr. py

1100' Andesite, fairly massive

2300' "Quarry". (a) Gw - arg., graded beds
fining to W? Bdg $78^\circ / 80^\circ N$

(b) 40' zone of altⁿ - CO_3 veins, minor
py. (SA) - MO - DB - 1

(c) 100' of ~concordant ultramafic,
highly serpntz'd

2850' (a) Arg & gritty sed. Few CO_3 stngs.
Bdg contorted

(b) um (15' only, but abundant um
float on road.

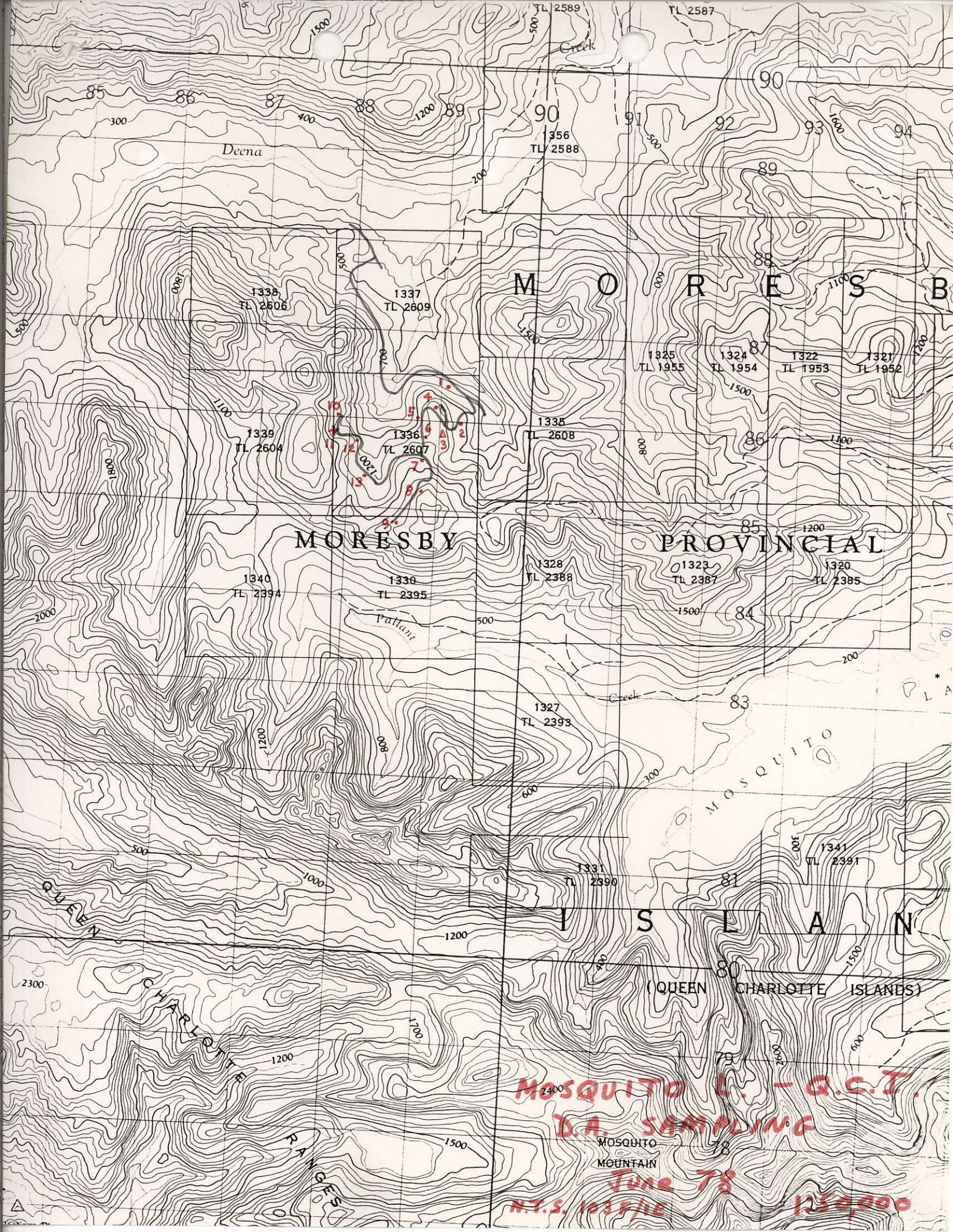
1978-06-20

D.A. SAMPLING - MOSQUITO LAKE AREA - Q.C.I.

<u>SAMPLE NO.</u>	<u>LOCATION</u> (see attached map)	<u>DESCRIPTION</u>
MO-D8-1	Borrow Pit	Rough grab from 15 m wide zone of abundant carbonate veining. Minor pyrite. <u>Limestone</u> , black, somewhat carbonaceous.
MO-D8-2	Borrow Pit	Rough grab. Mixed sediments, ranging from <u>grey chert</u> to black <u>calcareous argillite</u> , to green <u>greywacke</u> . Zone variably gossanous, carbonate veined, and carbonaceous.
MO-D8-3	Logging road junction.	Float. Mixed (interbedded) black thin banded <u>argillite</u> and grey medium grained detrital <u>limestone</u> , some fine py.
MO-D8-4	10 m SW of logging road end.	Soil. Limonitic silt.
MO-D8-5		Outcrop. Rough grab. <u>Siltstone</u> , greenish brown to grey, heavily gossanous. Some quartz veining.
MO-D8-6	Borrow Pit	Outcrop. Rough grab. 70% of sample is <u>Limestone</u> , black, flaggy with up to 5% coarse py in coarser grained beds. 30% of sample is <u>andesite</u> , almost dioritic
MO-D8-7		Soil, from small black gouge zone.
MO-D8-8	Borrow Pit	Outcrop. <u>Limestone</u> , black, contorted, and carbonaceous, with abundant carbonate veining.
MO-D8-9	End of logging road	Soil, medium brown clay loam.

<u>SAMPLE NO.</u>	<u>LOCATION</u> (See attached map)	<u>DESCRIPTION</u>
MO-D8-10		Soil, dark brown silt with some hematitic particles.
MO-D8-11	Small creek draining easterly	Silt, dark brown sand.
MO-D8-12		Soil, dark brown silt, slightly rusty. Some hematitic particles.
MO-D8-13		Outcrop. Rough grab. Grey homogeneous rock, variably calcareous, cut by very numerous fine black stringers. Some py.

Au - 10 ppb
As - 114 ppm
Hg - 950 ppb



Deena

M O R E S B Y

M O R E S B Y P R O V I N C I A L

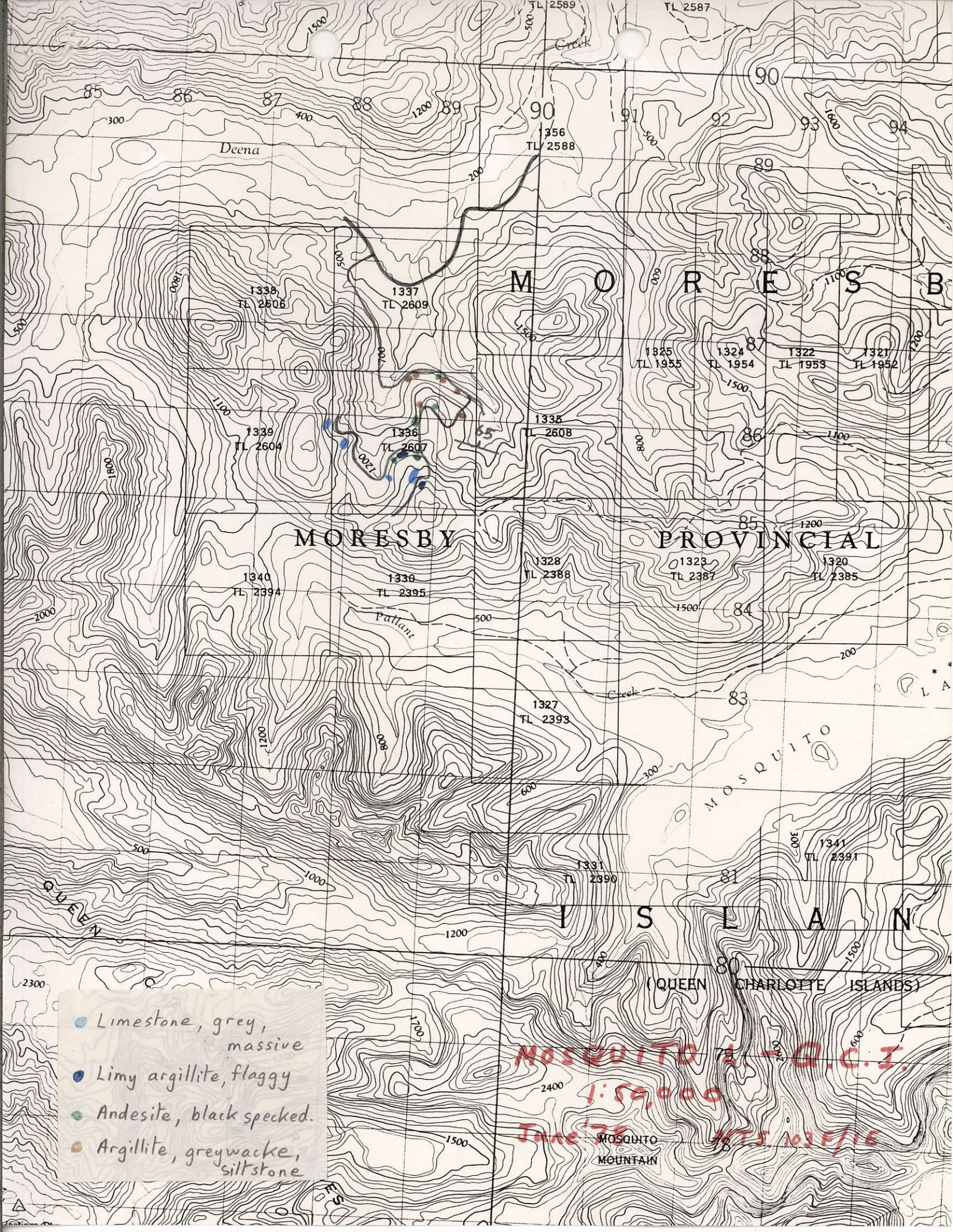
Mosquito

QUEEN

I S L A N D

(QUEEN CHARLOTTE ISLANDS)

MOSQUITO C. - G.C.T.
D.A. SAMPLING
June 78
N.T.S. 1:25,000



Deena

M O R E S B Y

M O R E S B Y P R O V I N C I A L

Pallant Creek

QUEEN CHARLOTTE ISLANDS

MOSQUITO ISLANDS

MOSQUITO MOUNTAIN

- Limestone, grey, massive
- Limy argillite, flaggy
- Andesite, black specked.
- Argillite, greywacke, siltstone

MOSQUITO I. - Q.C.I.
 1:50,000
 June 75 1025 103 F/16

1338 TL 2606

1337 TL 2609

1336 TL 2607

1339 TL 2604

1325 TL 1955

1324 TL 1954

1322 TL 1953

1321 TL 1952

1335 TL 2608

1328 TL 2388

1323 TL 2387

1320 TL 2385

1340 TL 2394

1336 TL 2395

1327 TL 2393

1331 TL 2390

1341 TL 2391

85 86 87 88 89 90 91 92 93 94

84 83 82 81 80

2300 2400 1500 1700 1200 1000 500 300 200 100