FILE COPY

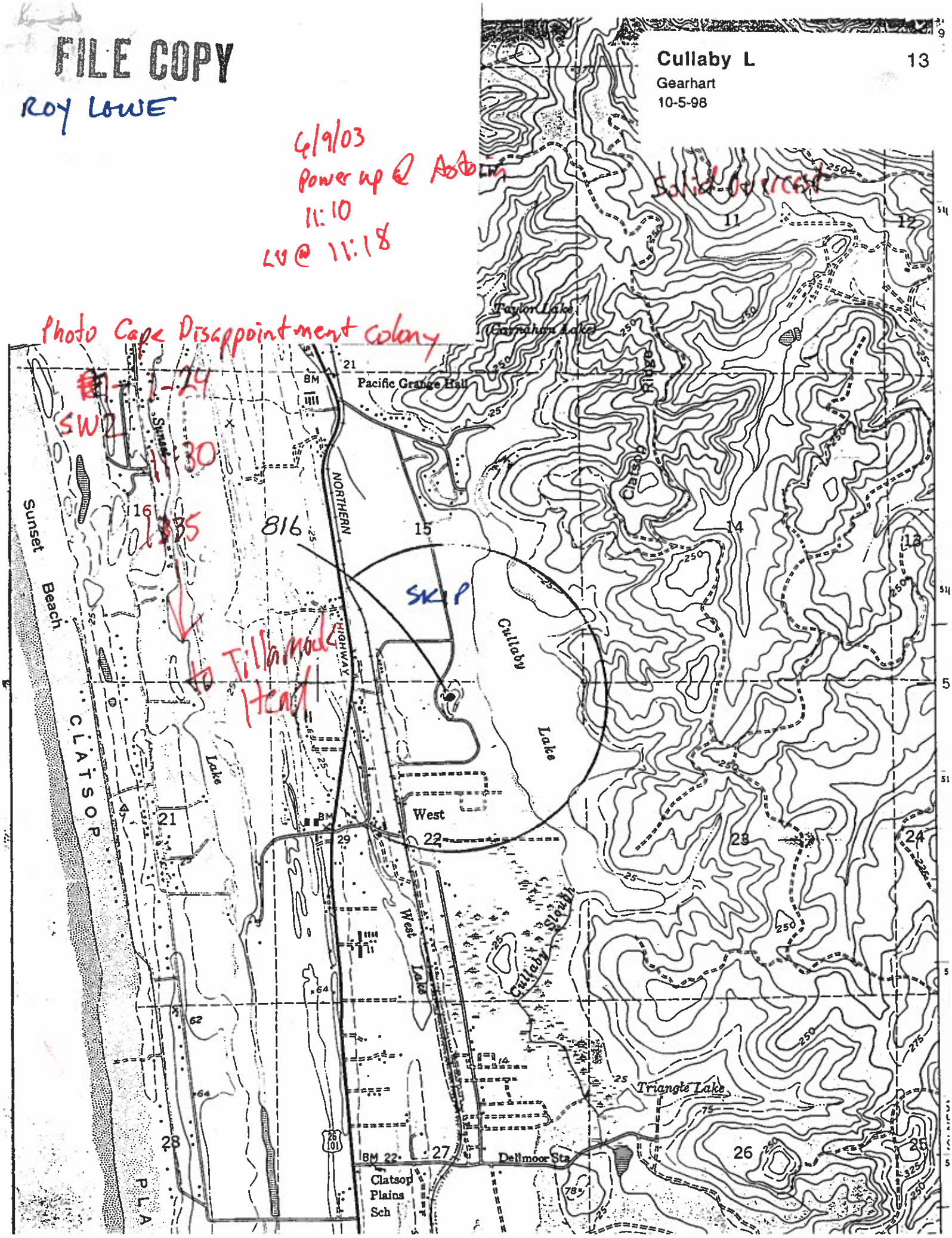
ROY LOWE

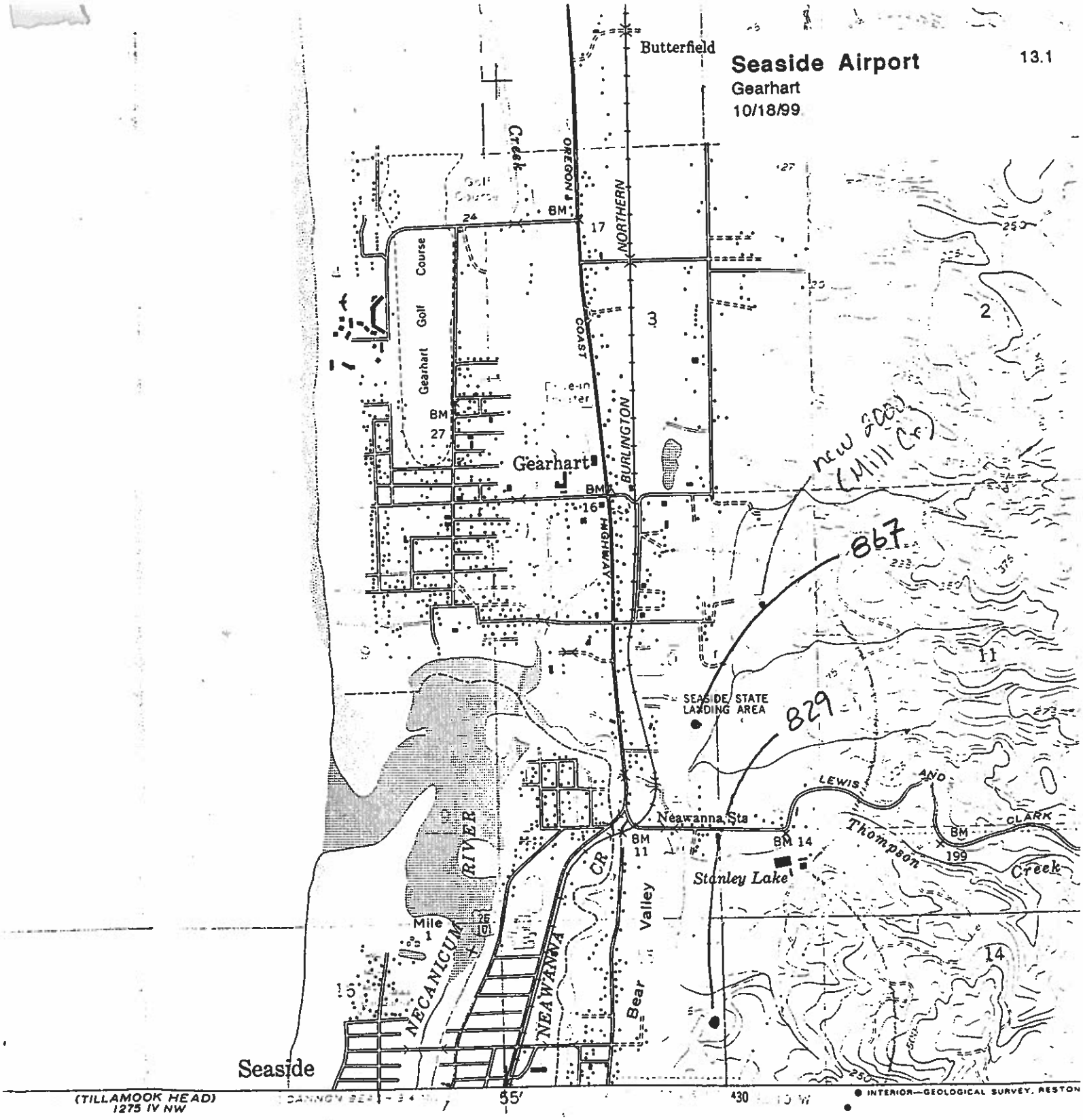
6/9/03
Power up @ Astoria
11:10
LV @ 11:18

Photo Cape Disappointment colony

1-24
SW2
11:30
1335
816
to Tillamook Head

SKIP





SCALE 1:24 000

0 1 MILE

1000 2000 3000 4000 5000 6000 7000 FEET

5 0 1 KILOMETRE

CONTOUR INTERVAL 50 FEET

HED LINES REPRESENT HALF-INTERVAL CONTOURS

IONAL GEODETIC VERTICAL DATUM OF 1929

HOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER

HE AVERAGE RANGE OF TIDE IS APPROXIMATELY 8 FEET

OMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Heavy-duty — Ligh

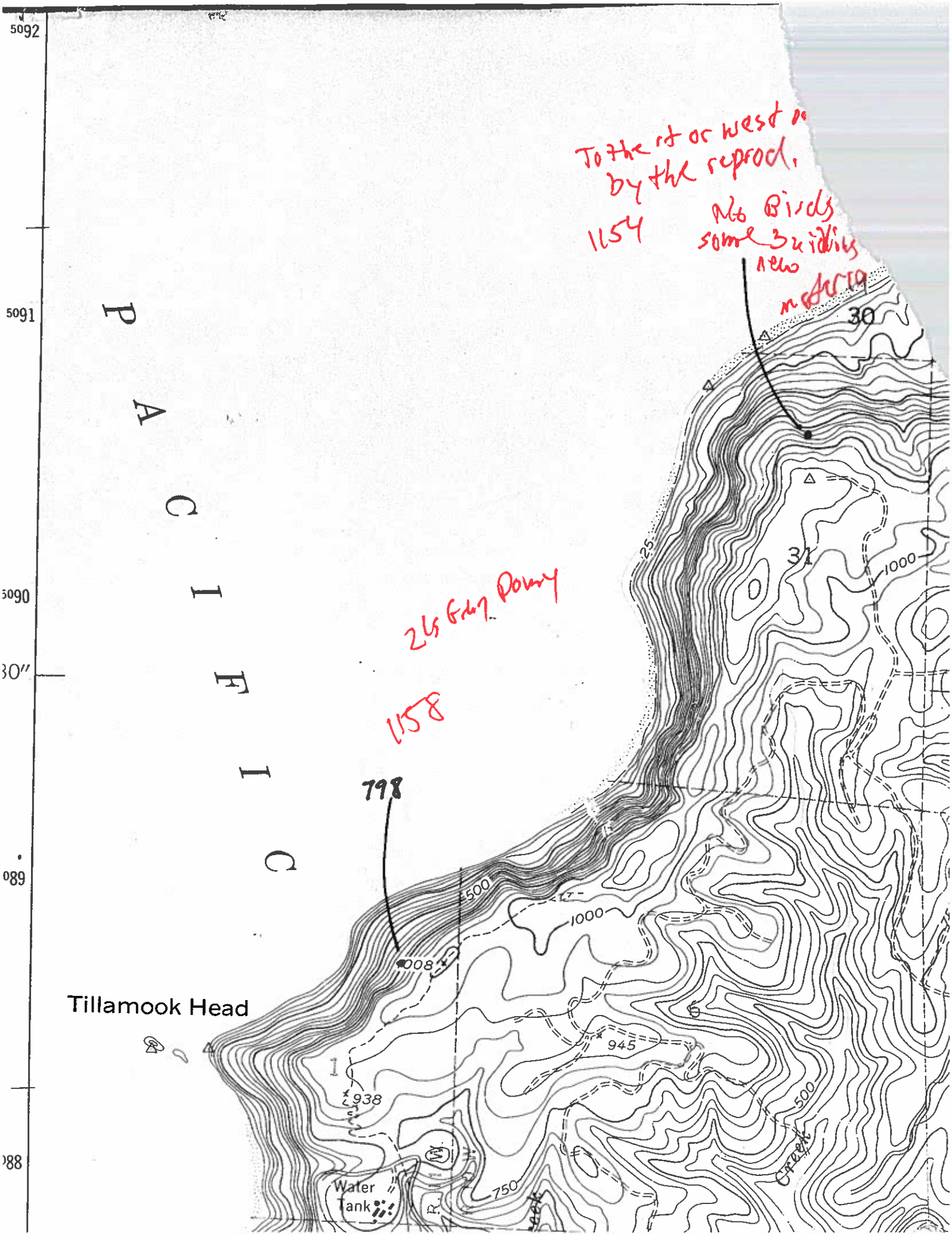
Medium-duty — Uni

U. S. Route — St.

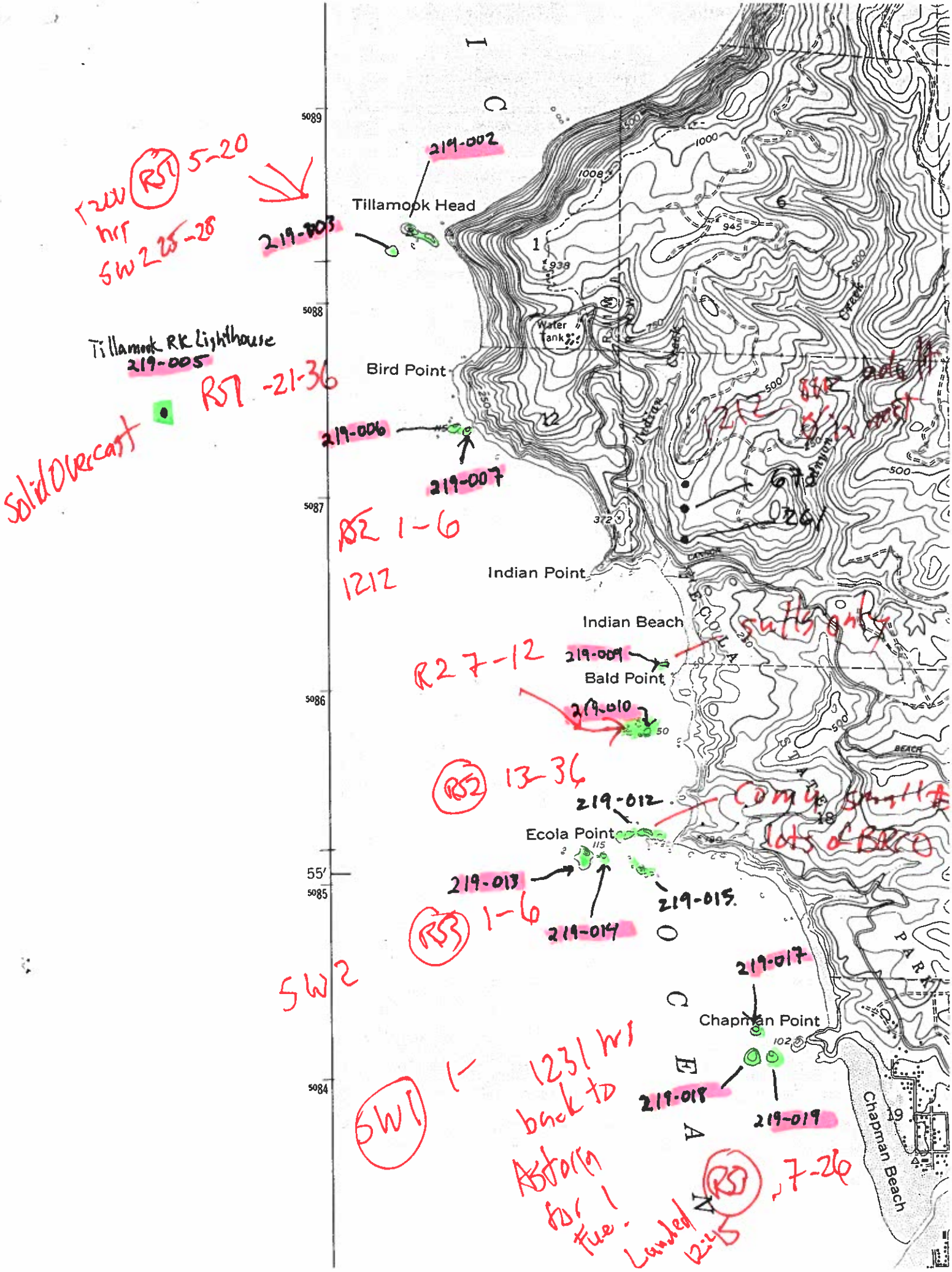
GEARH

N4600-

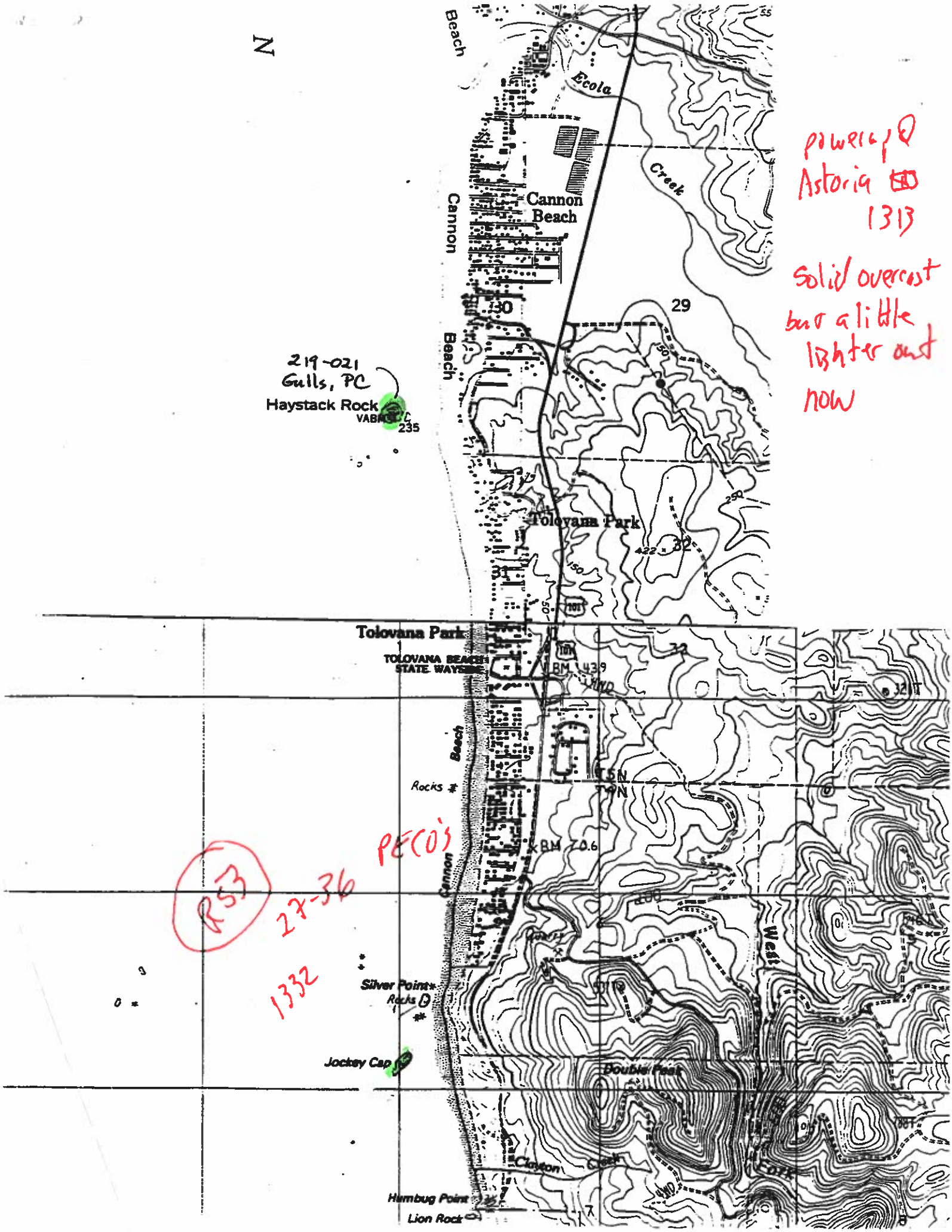
PHOTO



5092
5091
5090
30″
089
088
PACIFIC
To the rt or west
by the reprod.
1154
No Birds
some 3 widths
new
30
31
25
1000
2 Gray Pony
1158
798
500
1000
008
Tillamook Head
945
938
500
750
Water
Tank
Creek

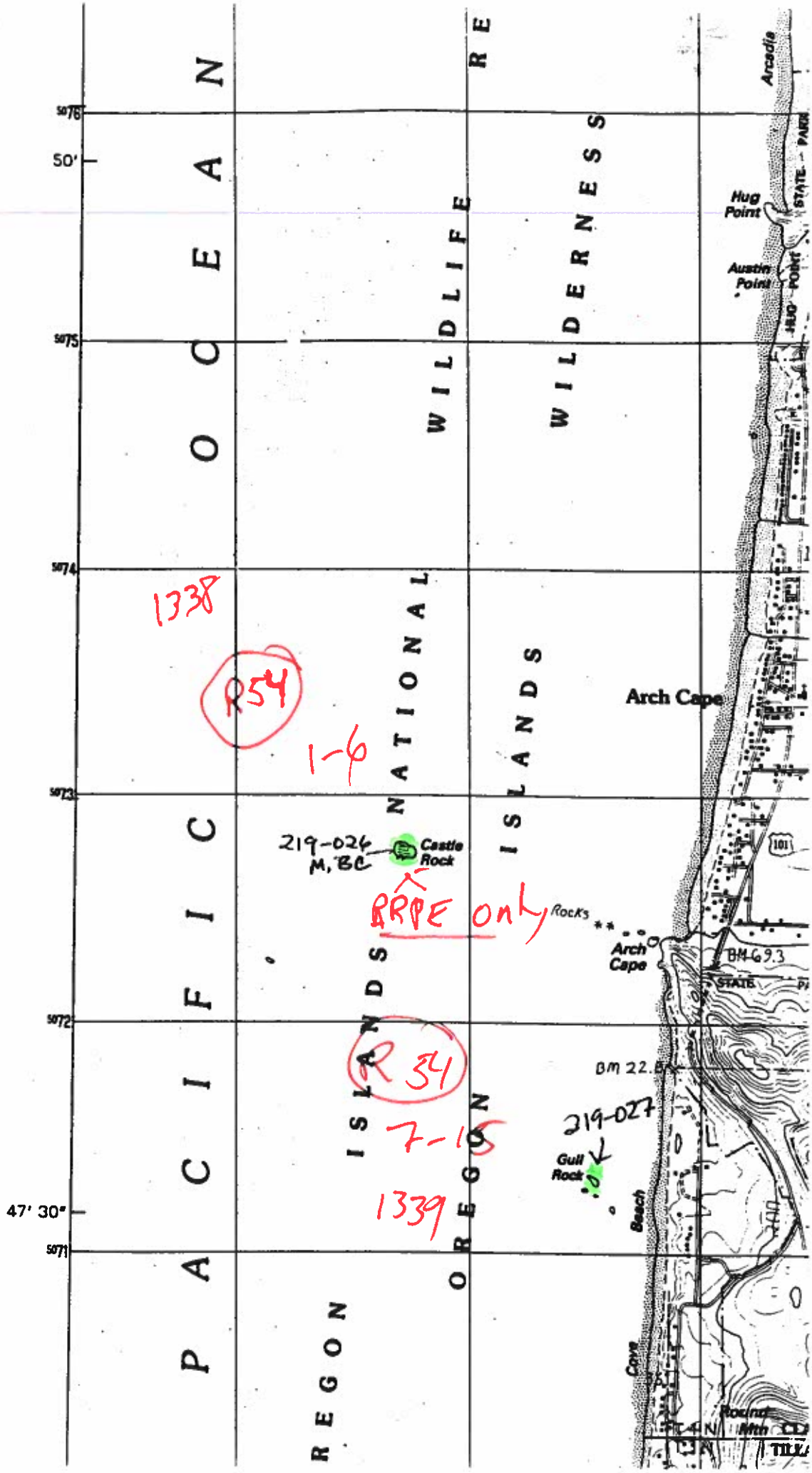


Tillamook Head
219-002
219-003
Tillamook RK Lighthouse
219-005
RS1 -21-36
Solid Overcast
Bird Point
219-006
219-007
RS2 1-6
1212
Indian Point
Indian Beach
219-009
Bald Point
R2 7-12
219-010
RS2 13-36
219-012
Ecola Point
219-013
219-014
219-015
RS3 1-6
SW2
219-017
Chapman Point
219-018
219-019
SW1 1-
1231 hrs back to Astoria for Fuel
Landed 12:45
RS3 7-26
Chapman Beach
Water Tank
Indian Creek
Canyon Creek
ECOLA
PARK
OCEAN
5089
5088
5087
5086
5085
5084
55'

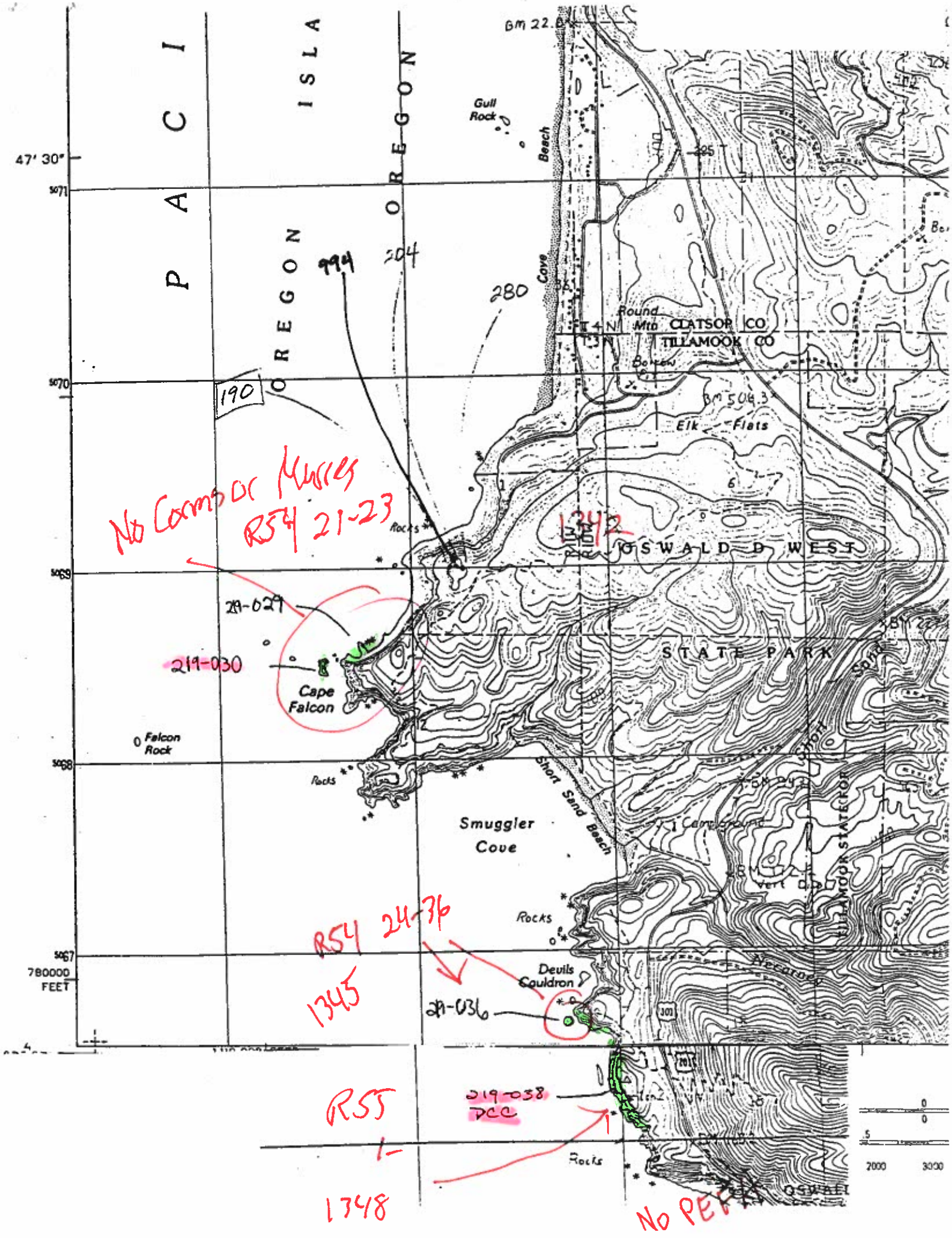


powering @
Astoria
1313

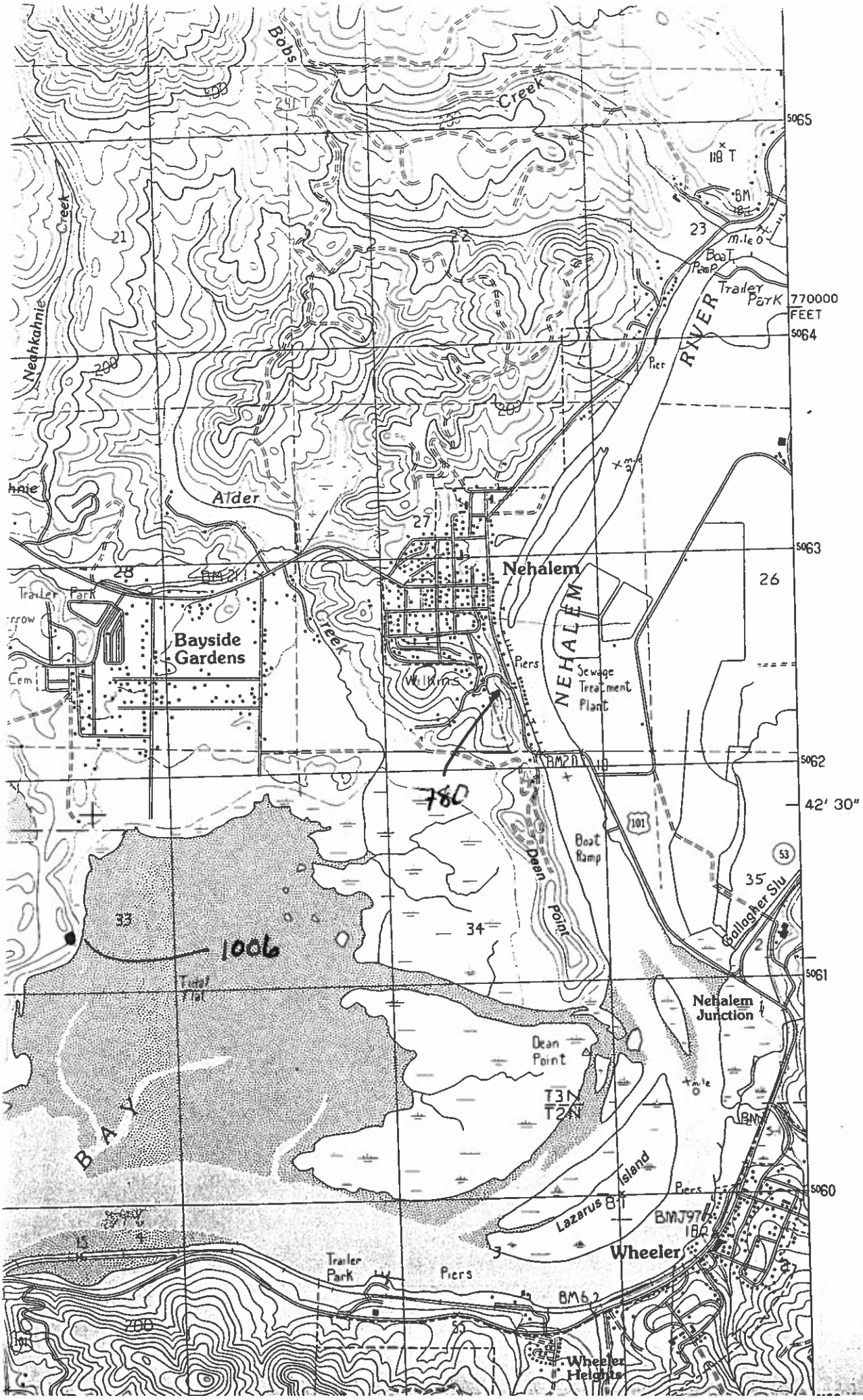
Solid overcast
but a little
lighter out
now

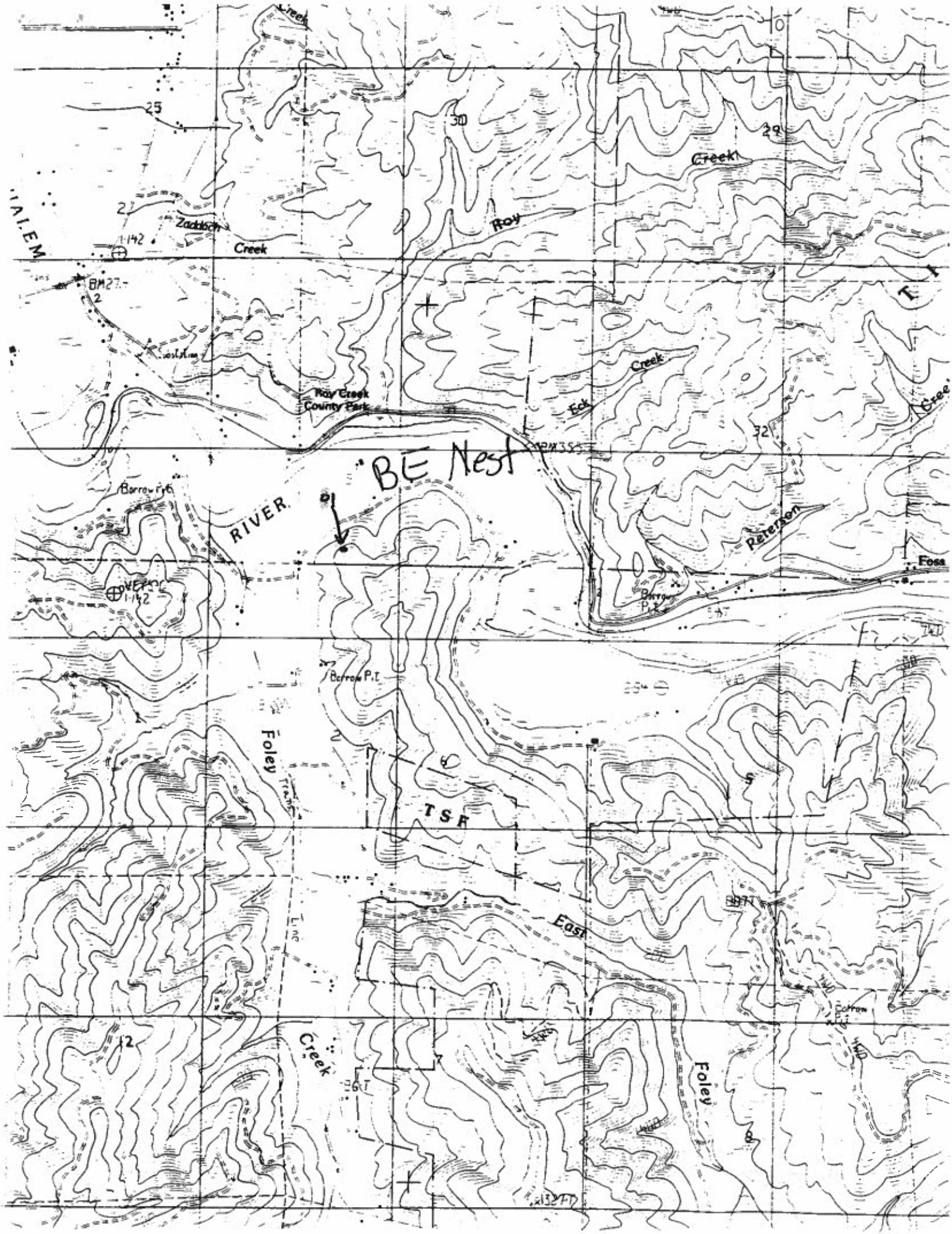


PACIFIC OCEAN
WILDLIFE RE
WILDERNESS
NATIONAL
ISLANDS
OREGON
REGON
ISLANDS
Arch Cape
Hug Point
Austin Point
Arcadia
STATE PARK
HUG POINT
Castle Rock
Rocks
Arch Cape
BM 69.3
STATE
BM 22.8
Gull Rock
Beach
Cove
Round Mtn
101
50'
47' 30"
5076
5075
5074
5073
5072
5071
1338
R54
1-6
219-026
M, BC
RRPE only
R 54
7-15
1339
219-027

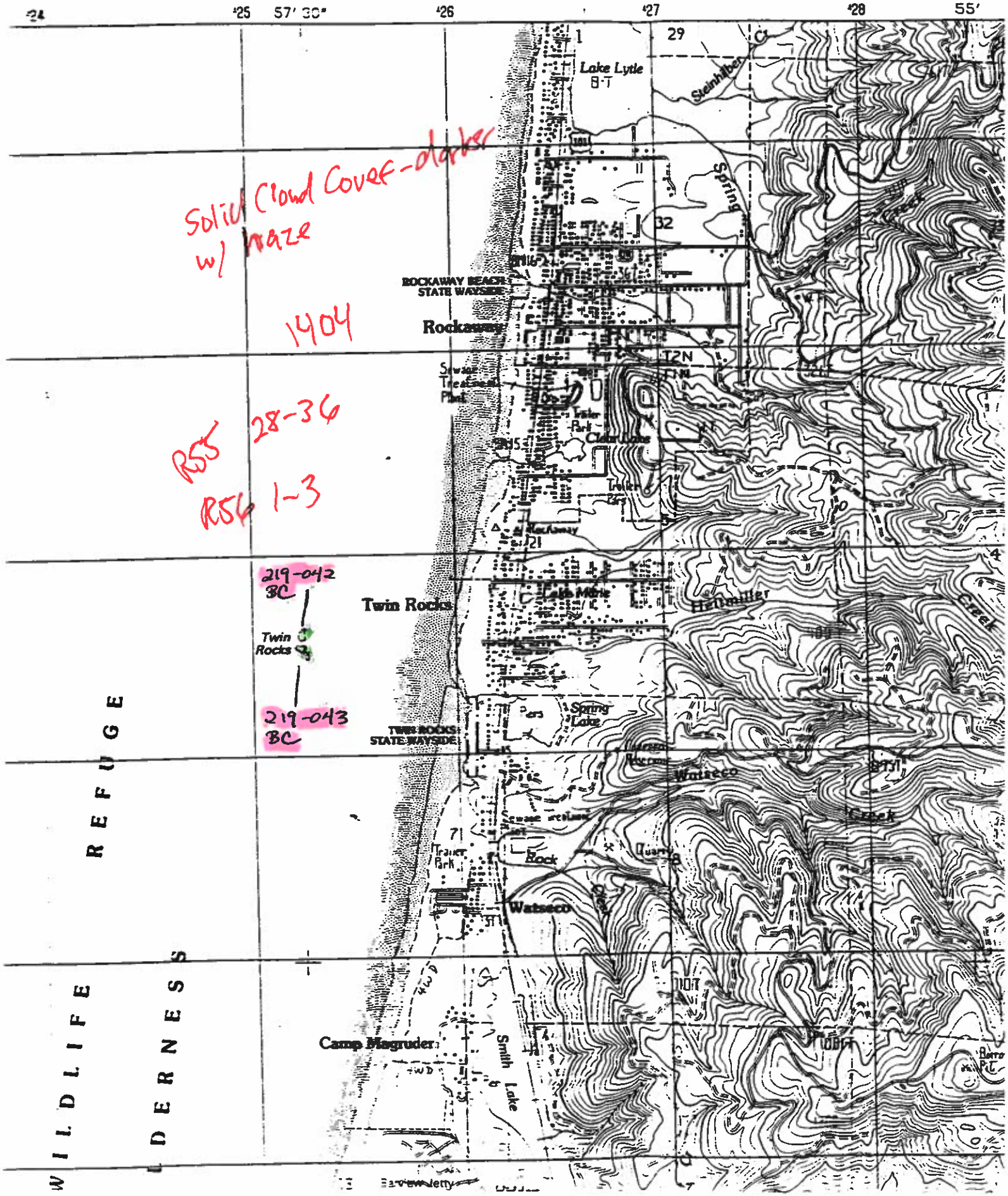


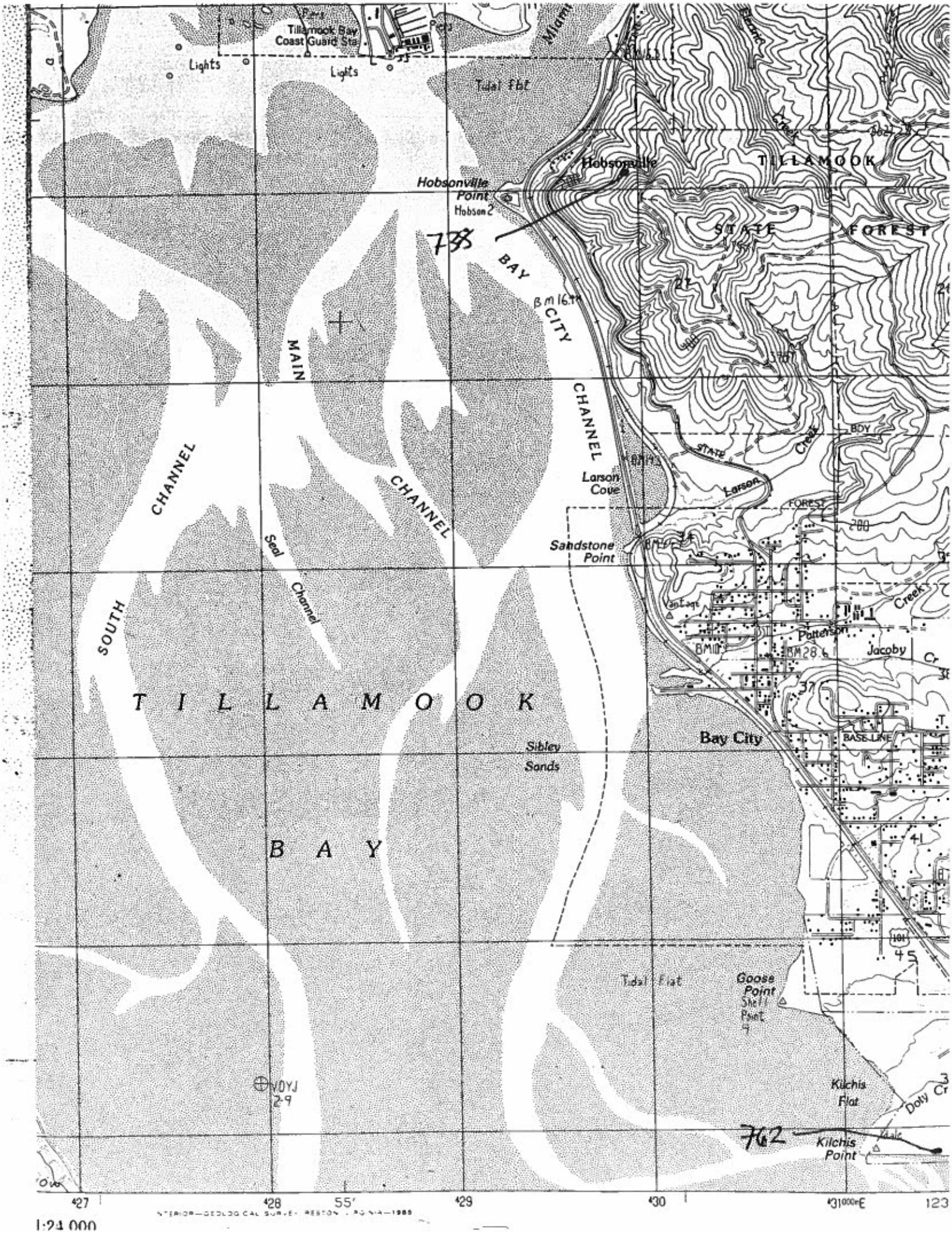
PACI
ISLA
OREGON
OREGON
47' 30"
5071
5070
5069
5068
5067
780000 FEET
Gull Rock
Beach
Cove
Round Mtn
CLATSOP CO
TILLAMOOK CO
Borrow
Elk Flats
BM 504.3
994
204
280
190
No Corms or Murres
R54 21-23
Rocks
1342
OSWALD D WEST
STATE PARK
219-029
219-030
Cape Falcon
Falcon Rock
Rocks
Short Sand Beach
Smuggler Cove
Campground
Vert
Rocks
R54 24-36
1345
Devils Couldron
219-036
Necarney
TILLAMOOK STATE FOR
R55
219-038
DCC
Rocks
1348
No PEF
2000
3000


Bobs Creek
Nehkahnie Creek
Alder Creek
Nehalem
Bayside Gardens
Trailer Park
Wilkins
Piers
Sewage Treatment Plant
NEHALEM RIVER
Pier
Boat Ramp
Dean Point
Gallagher Slu
Nehalem Junction
Dean Point
T3N
T2N
Lazarus Island
Wheeler
Trailer Park
Piers
Wheeler Heights
BAY
Tidal Flat
780
1006
770000 FEET
42' 30"



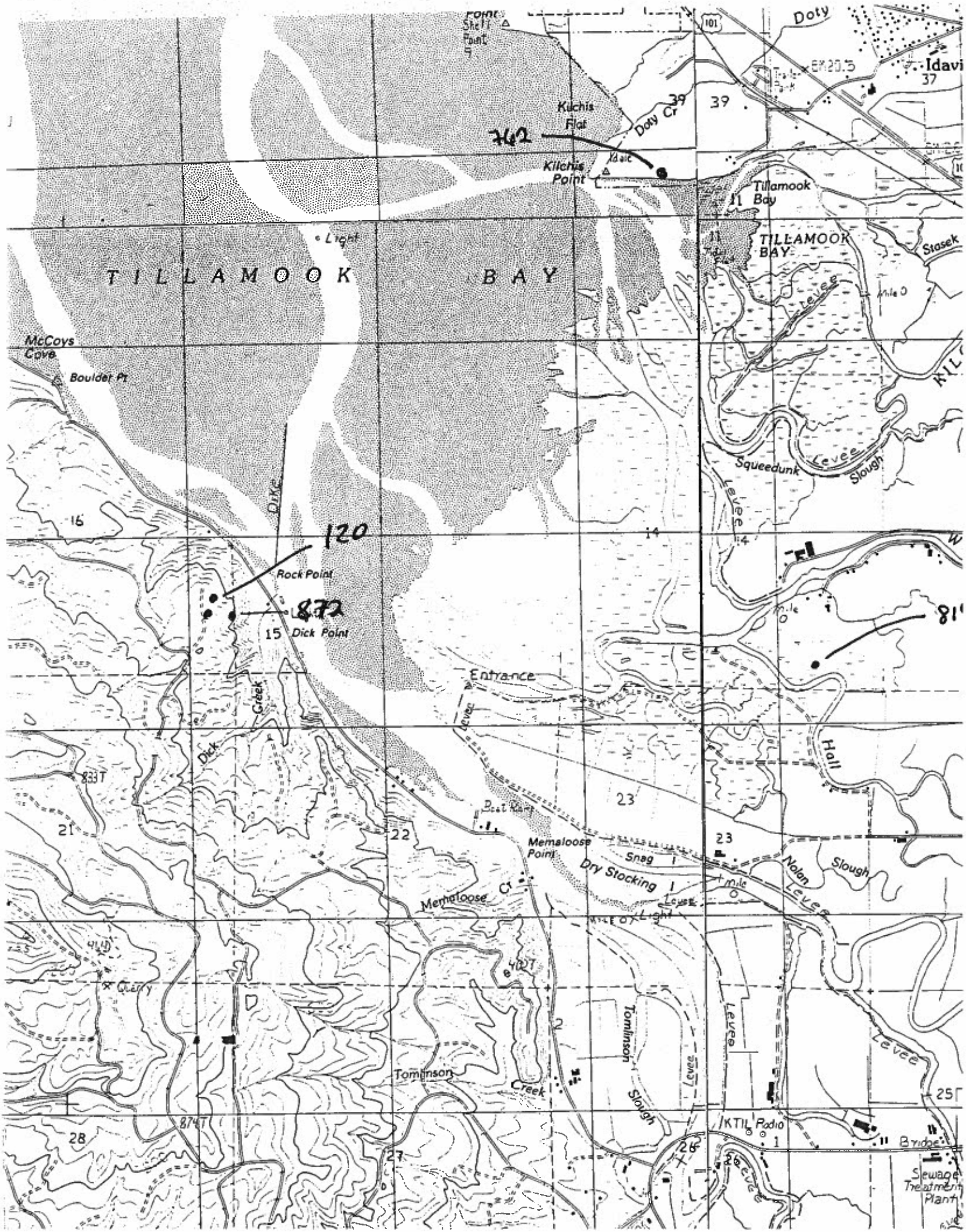
Creek
25
30
29
Creek
Roy
Zaddach
Creek
BM27
Roy Creek
County Park
Creek
Eck
32
BE Nest
RIVER
Borrow Pit
Peterson
Foss
Borrow Pit
Borrow Pit
Foley
TSF
East
Creek
Foley
12


Solid Cloud Cover-darker w/ haze
1404
R55 28-36
R56 1-3
219-042 BC
219-043 BC
Twin Rocks
Lake Lytle
Steinhiber
Spring
ROCKAWAY BEACH STATE WAYSIDE
Rockaway
Sewage Treatment Plant
Trailer Park
Clear Lake
Lake Marie
Hellmiller
Creek
Spring Lake
TWIN ROCKS STATE WAYSIDE
Watseco
Rock
Quarry
Camp Magruder
Smith Lake
Barview Jetty
WILDLIFE REFUGE
WILDERNESS

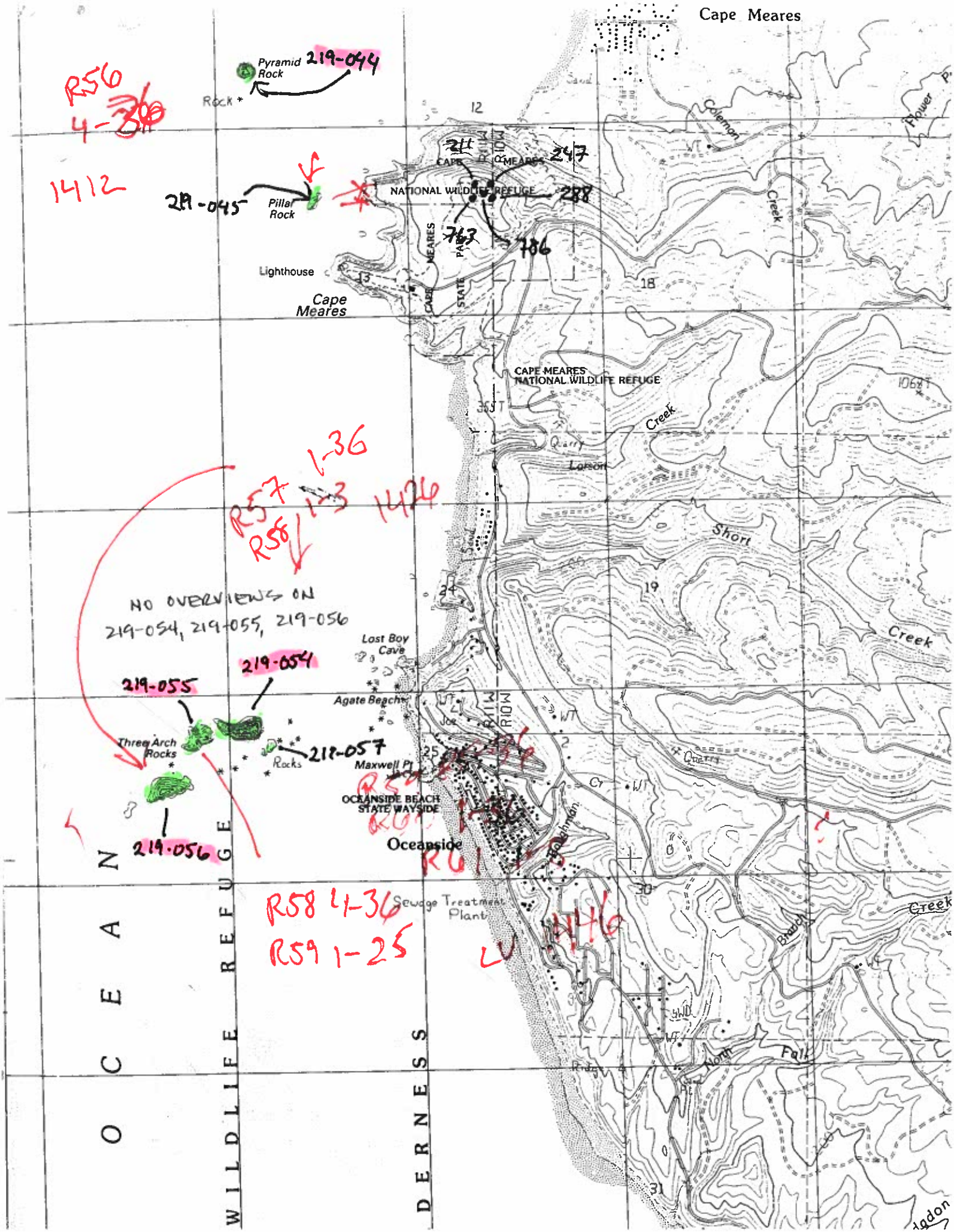


Tillamook Bay Coast Guard Sta.
Lights
Lights
Tidal Flat
Miami
Hobsonville
Hobsonville Point
Hobson 2
TILLAMOOK
STATE
FOREST
BAY
CITY
MAIN
CHANNEL
CHANNEL
CHANNEL
SOUTH
Seal Channel
Larson Cove
Larson
Creek
Sandstone Point
Creek
Patterson
Jacoby
Cr
TILLAMOOK
BAY
Sibley Sands
Bay City
BASE LINE
Tidal Flat
Goose Point
Shell Point
Kilchis Flat
Doty Cr
Kilchis Point
VDYJ 2-9
101
427
428
55'
429
430
431000mE
123

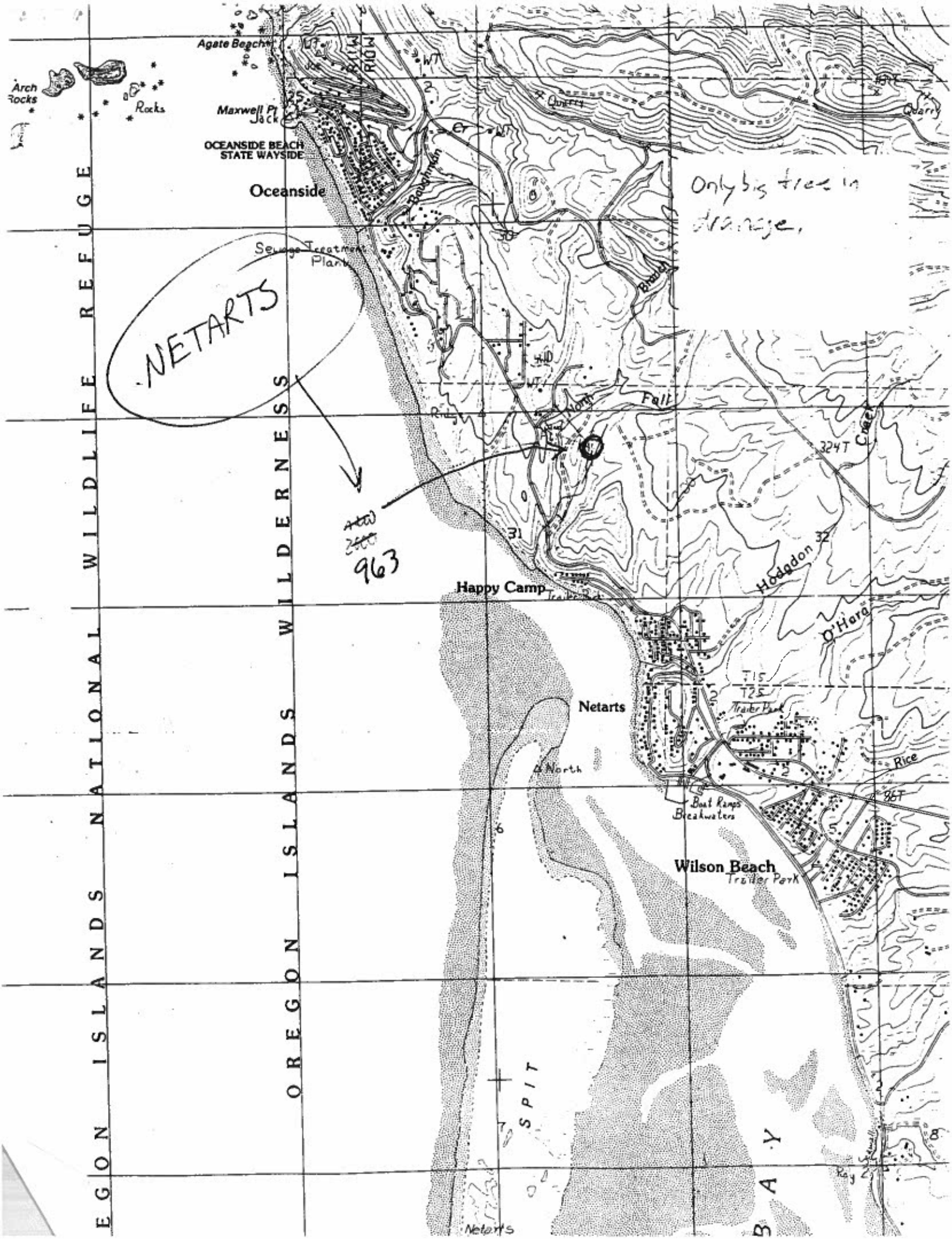
1:24 000

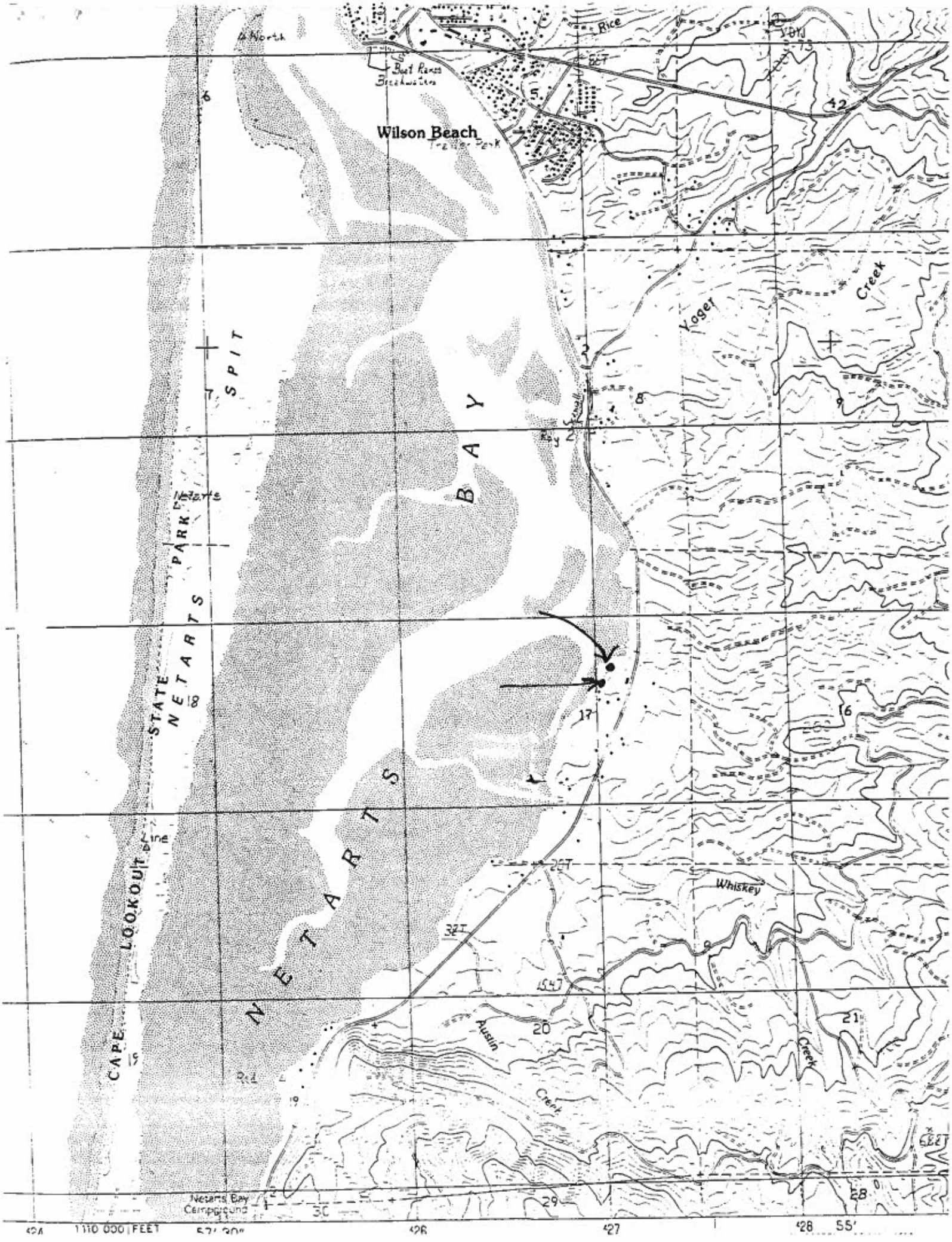


Doty
Idavi
37
39
39
Kuchis Flat
Doty Cr
762
Kilchis Point
Tillamook Bay
TILLAMOOK BAY
Stasek
Light
TILLAMOOK BAY
McCoys Cove
Boulder Pt
Squeedunk
Levee
Slough
Dike
16
120
Rock Point
872
15
Dick Point
Entrance
Dick Creek
Hall
833T
21
22
23
23
Memaloose Point
Snag
Dry Stocking
Nolan
Slough
Memaloose Cr
Light
Quarry
Tomlinson
Slough
Levee
Tomlinson Creek
874T
28
27
26
25
KTIL Radio
Bridge
Sewage Treatment Plant

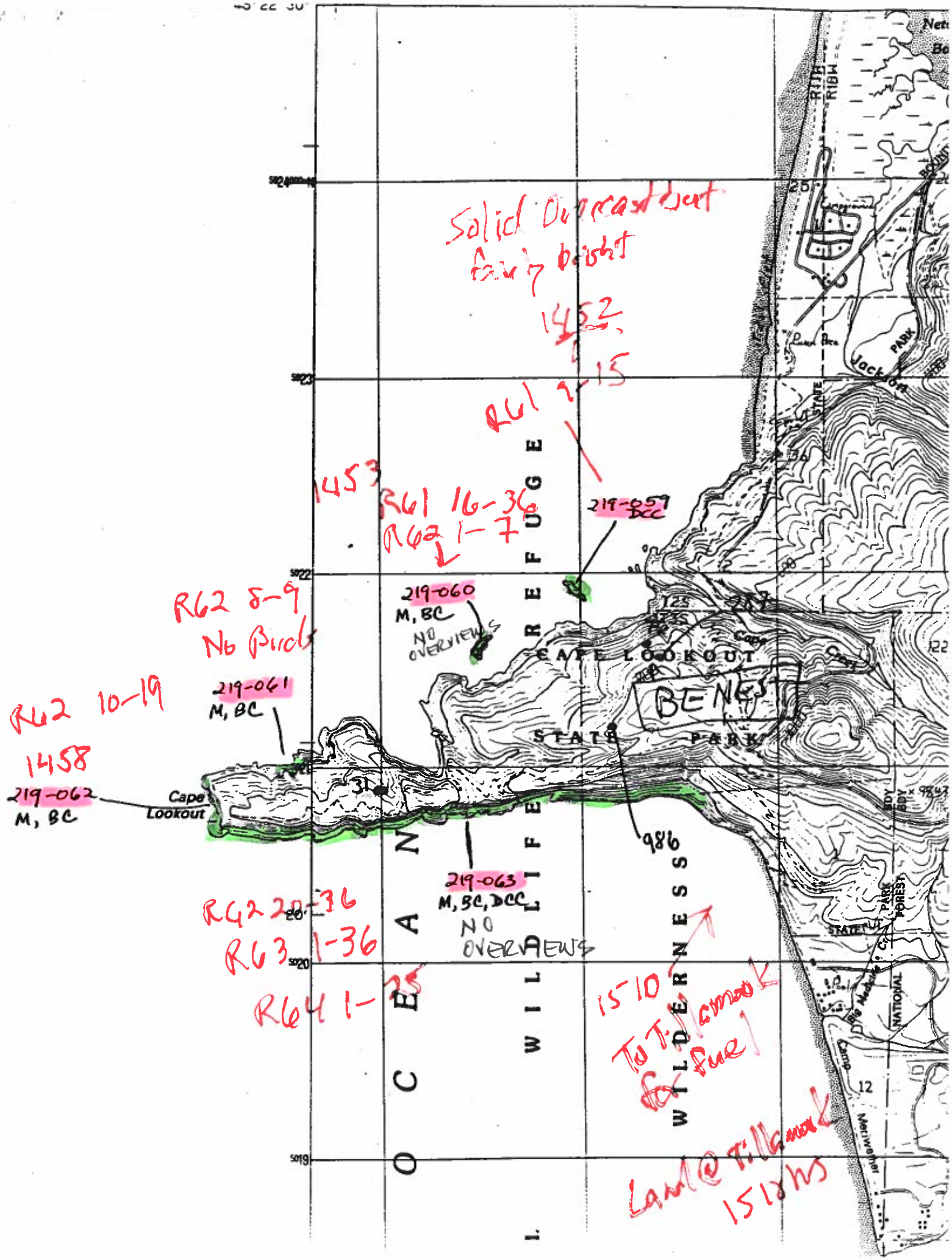


Cape Meares
Pyramid Rock
219-044
Rock
R56
4-36
1412
219-045
Pillar Rock
CAPE MEARES NATIONAL WILDLIFE REFUGE
211
247
288
763
786
Lighthouse
Cape Meares
CAPE MEARES STATE PARK
CAPE MEARES NATIONAL WILDLIFE REFUGE
Coleman
Creek
Flower
Quarry
Larson
Short
Creek
R57 1-36
R58 1-3
1426
NO OVERVIEWS ON
219-054, 219-055, 219-056
Lost Boy Cave
219-054
219-055
Agate Beach
Three Arch Rocks
Rocks
219-057
Maxwell Pt
OCEANSIDE BEACH STATE WAYSIDE
Oceanside
219-056
R58 4-36
R59 1-25
Sewage Treatment Plant
LV
1446
Creek
North
Fall
OCEAN
WILDLIFE REFUGE
DERNESS

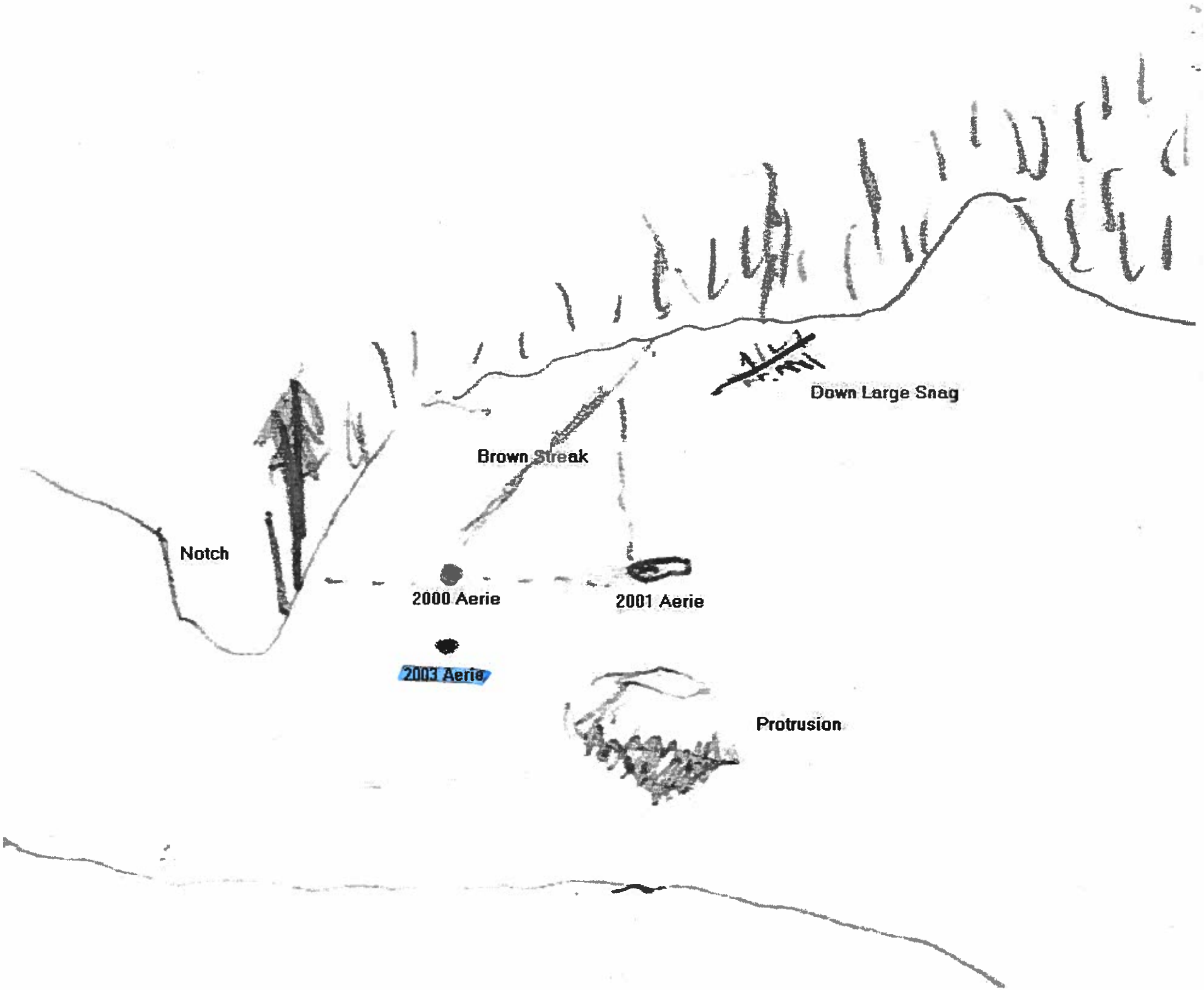

Agate Beach
Arch Rocks
Rocks
Maxwell Pt
Jack
OCEANSIDE BEACH STATE WAYSIDE
Oceanside
Quarry
Only big trees in drainage.
Sewage Treatment Plant
NETARTS
963
Happy Camp
Trailer Park
Hodgdon
O'Hara
Rice
Netarts
North
Boat Ramps
Breakwaters
Wilson Beach
Trailer Park
SPIT
BAY
OREGON ISLANDS NATIONAL WILDLIFE REFUGE
OREGON ISLANDS WILDERNESS

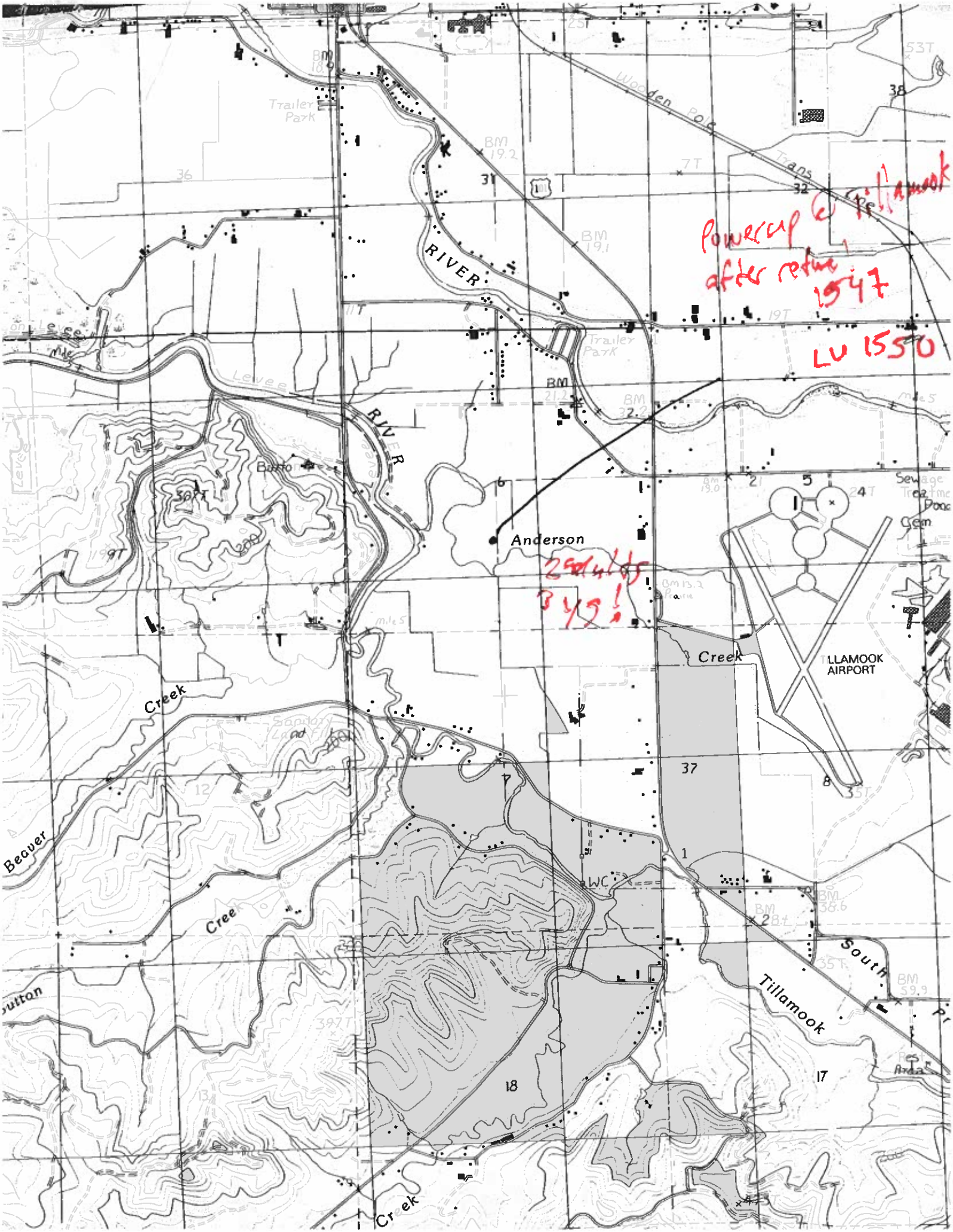


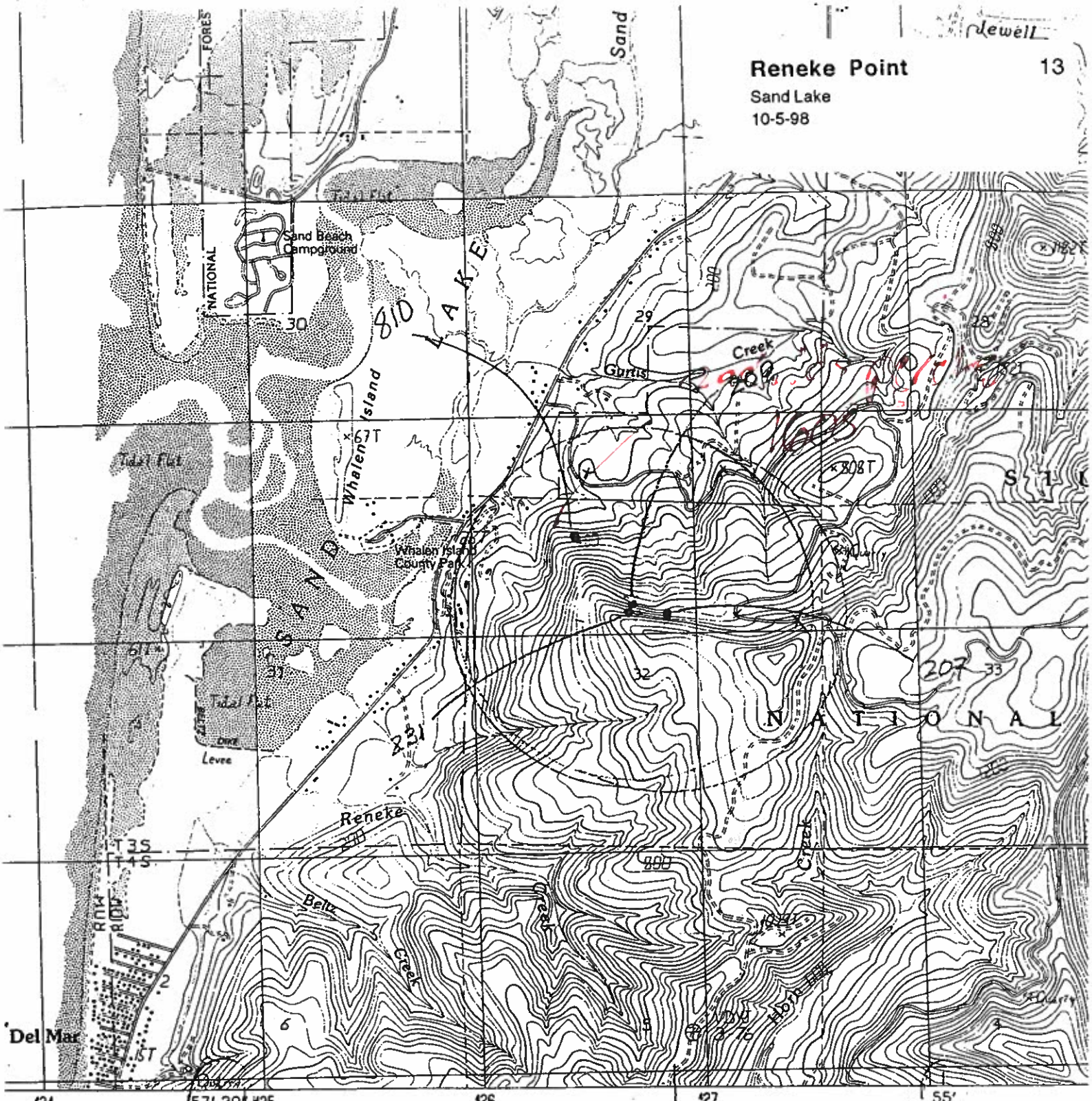
Wilson Beach
Trailer Park
Boat Ramp
Breakwaters
Rice
North
Yager
Creek
Whiskey
Creek
Austin
Creek
Netarts Bay
Campground
CAPE LOOKOUT STATE PARK
NETARTS BAY
NETARTS SPIT
Netarts
Line
1110 000 FEET



Solid Overcast but fairly bright
1452
R61 9-15
1453
R61 16-36
R62 1-7
219-059 DCC
219-060
M, BC
NO OVERVIEWS
R62 8-9
No Birds
219-061
M, BC
R62 10-19
1458
219-062
M, BC
Cape Lookout
31
CAPE LOOKOUT
STATE PARK
BENEST
986
219-063
M, BC, DCC
NO OVERVIEWS
R62 20-36
R63 1-36
R64 1-25
1510
To Tillamook for fuel
Land @ Tillamook 1518 hrs
OCEAN
WILDLIFE REFUGE
WILDERNESS
Jackson
PARK
STATE
NATIONAL
FOREST
Camp
Meriwether


Down Large Snag
Brown Streak
Notch
2000 Aerie
2001 Aerie
2003 Aerie
Protrusion


Powercup @ Tillamook
after refuel
1547
LV 1550
2 adults
3 yrs!
Anderson
RIVER
Trailer Park
Wooden Pole Trans Line
Levee
Creek
Beaver
Tillamook
South
TILLAMOOK AIRPORT
Sewage Treatment Pond
Cem
Sanitary Land Fill
WC
Button
Creek



PROVISIONAL MAP
compiled from original manuscript drawings. Information shown as of date of photography.

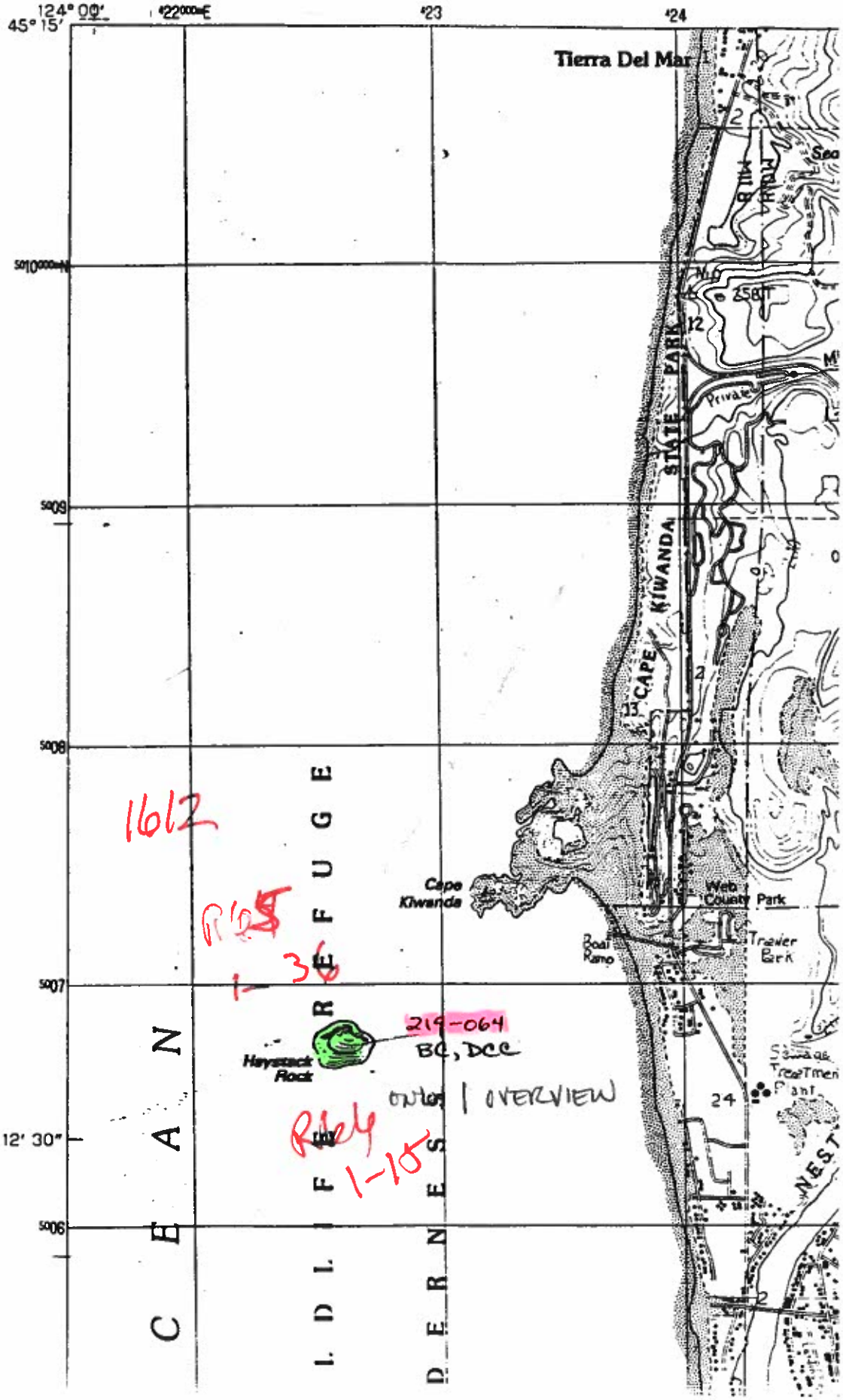
CONTOUR INTERVAL 40 FEET
SUPPLEMENTARY CONTOUR INTERVAL 20 FEET

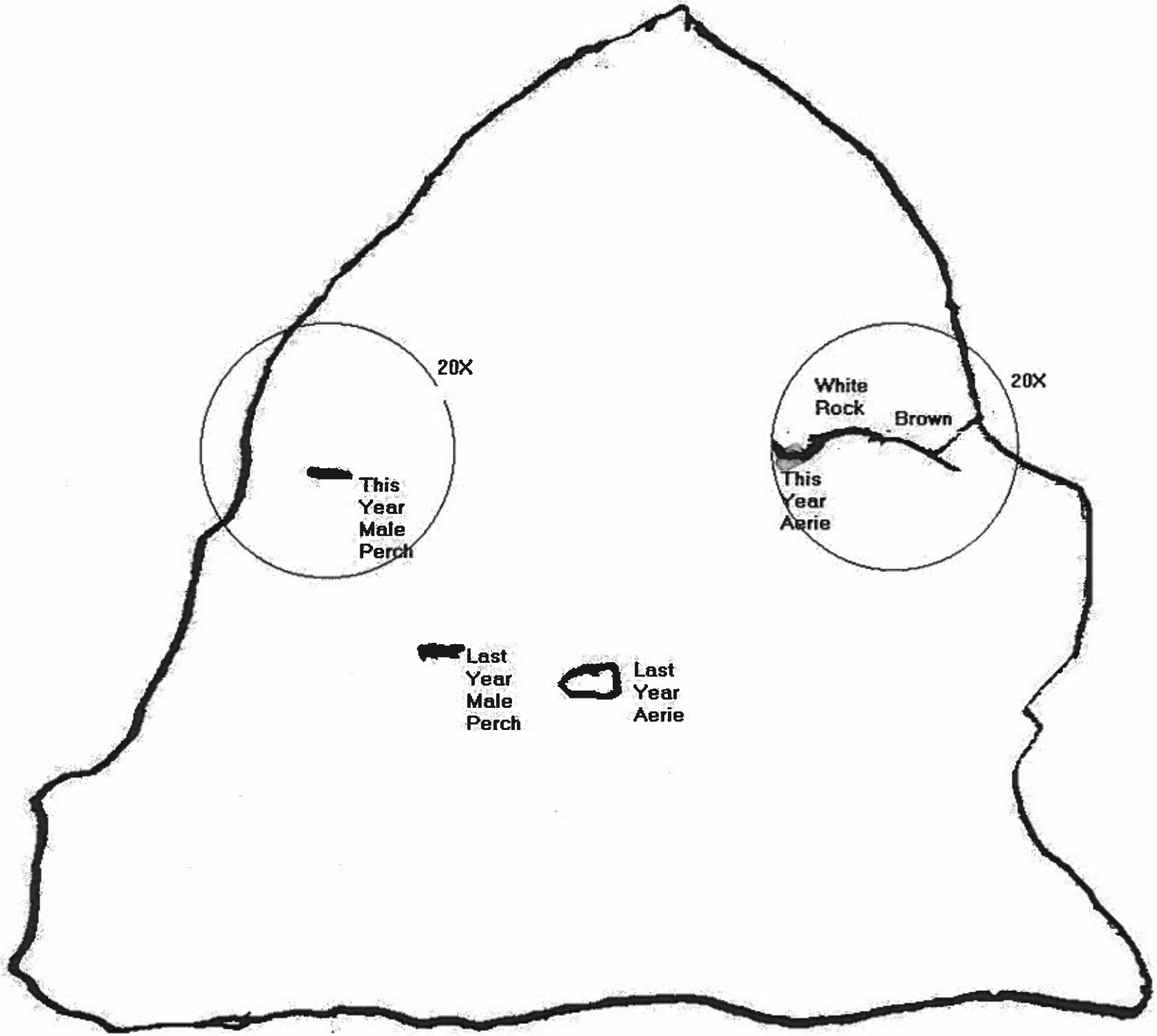
To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

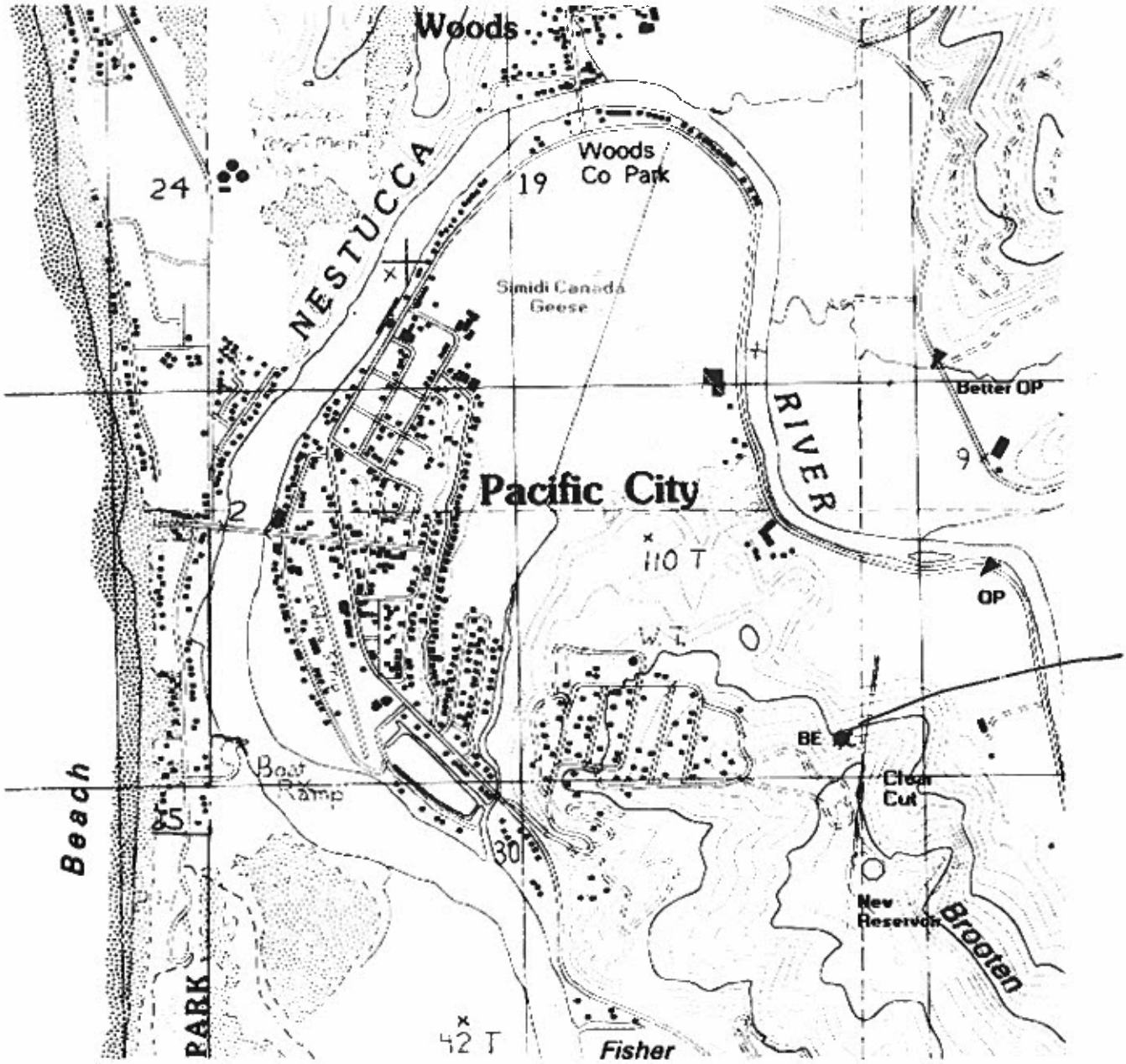
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 6 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

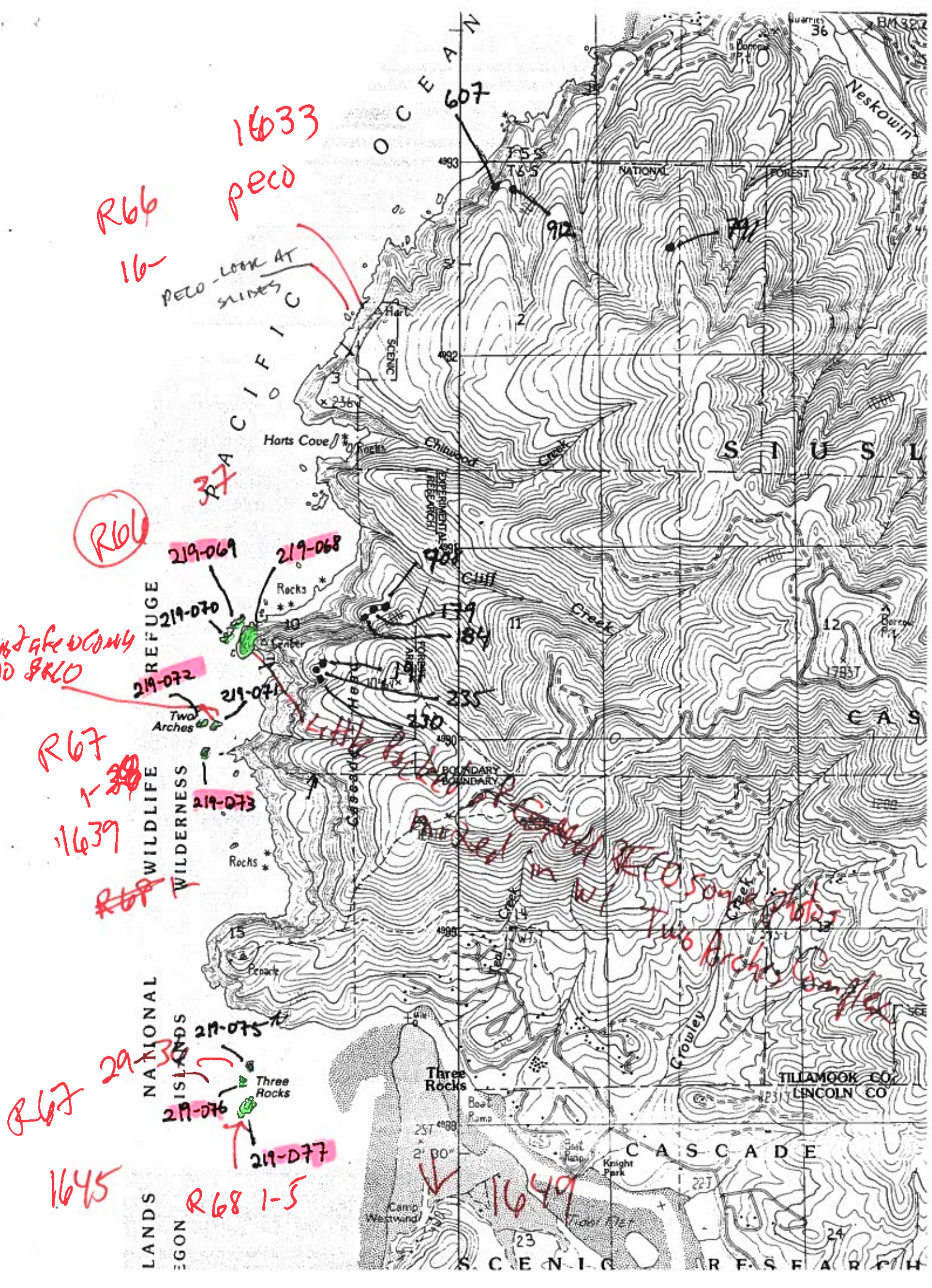
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



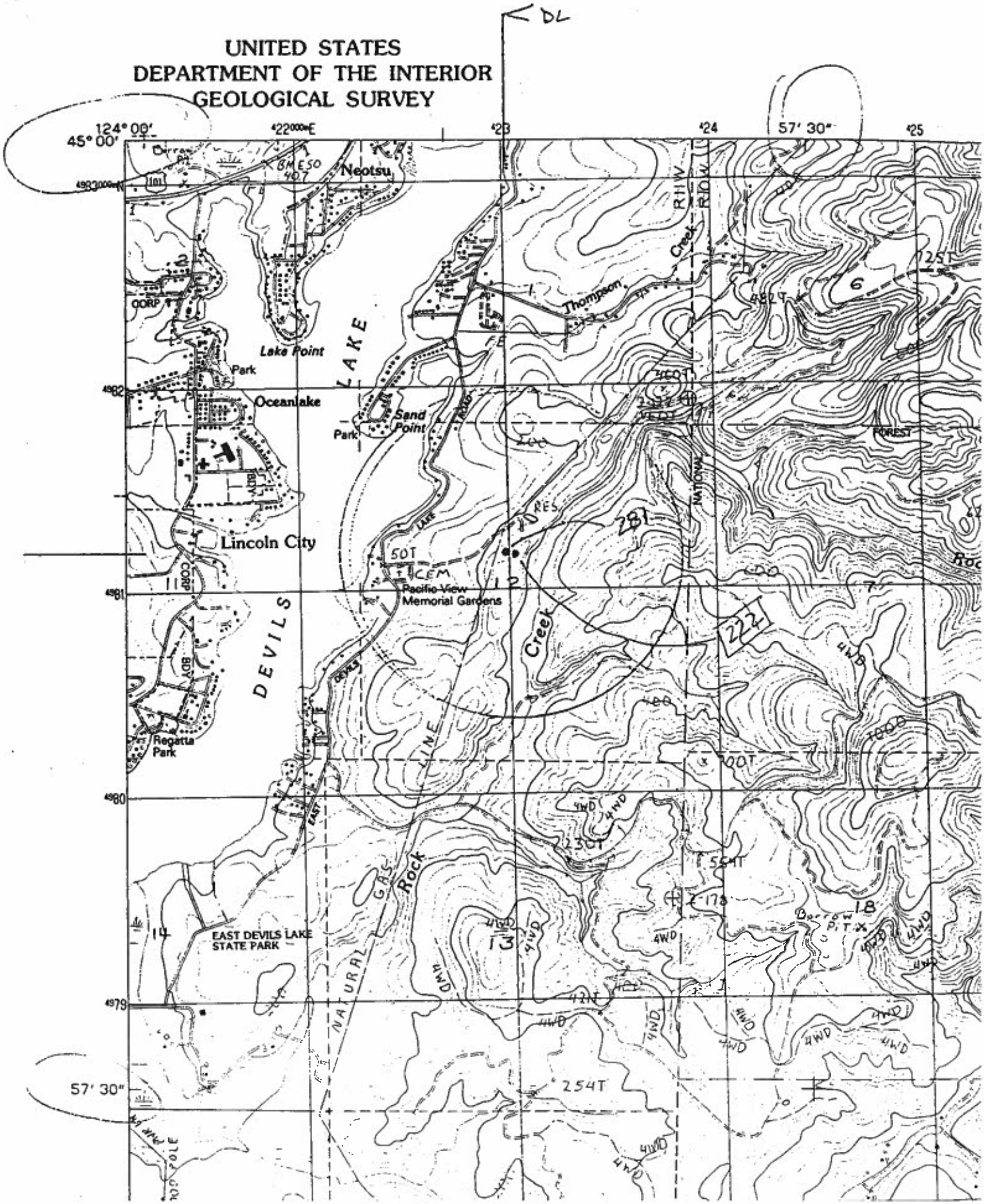

20X
This Year Male Perch
20X
White Rock
Brown
This Year Aerie
Last Year Male Perch
Last Year Aerie

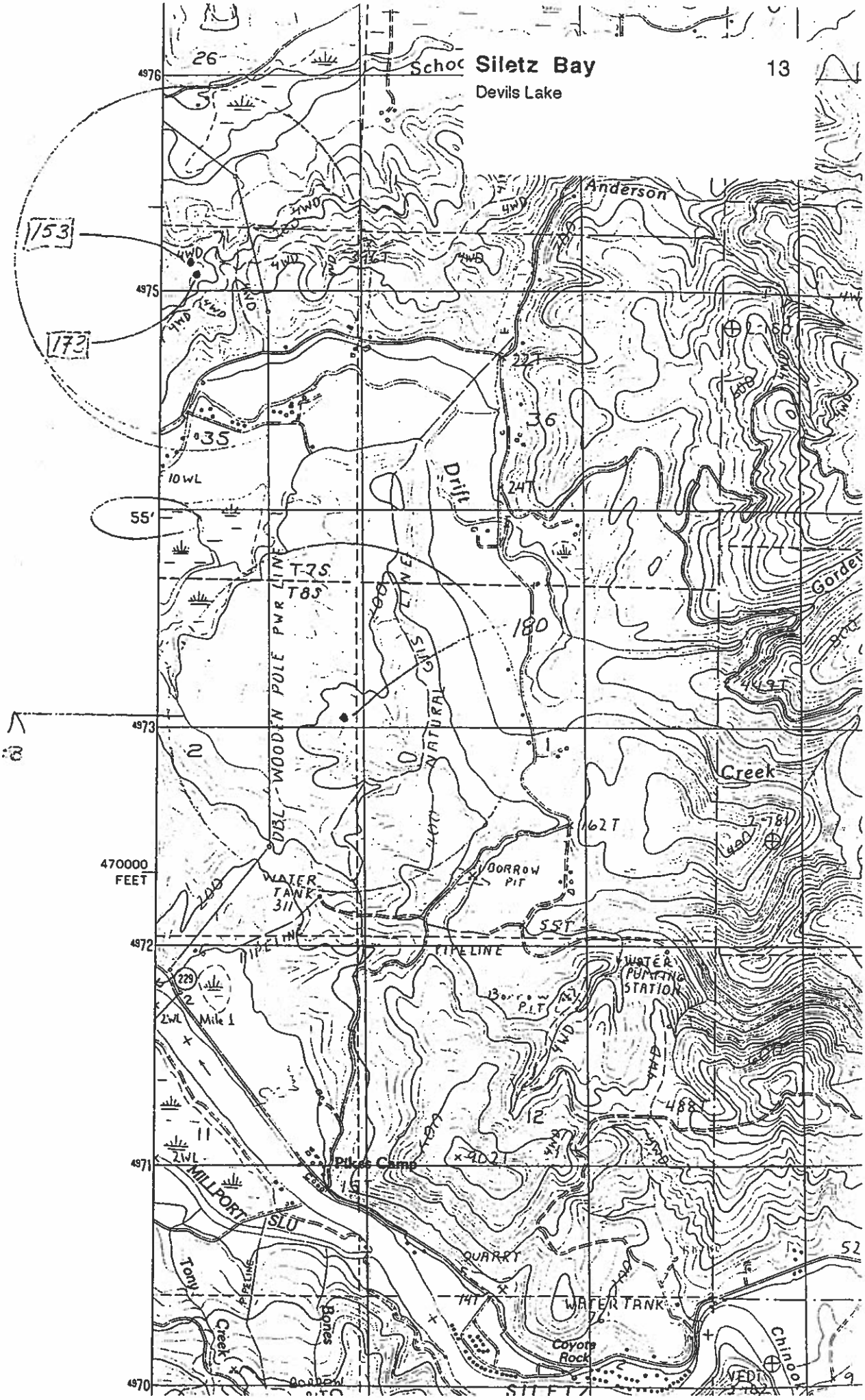

Woods
Woods
Co Park
24
19
NESTUCCA
Simidi Canada
Geese
Better OP
RIVER
9
Pacific City
2
110 T
OP
BE
Clear
Cut
Beach
Boat
Ramp
5
30
New
Reservoir
Brooten
PARK
42 T
Fisher

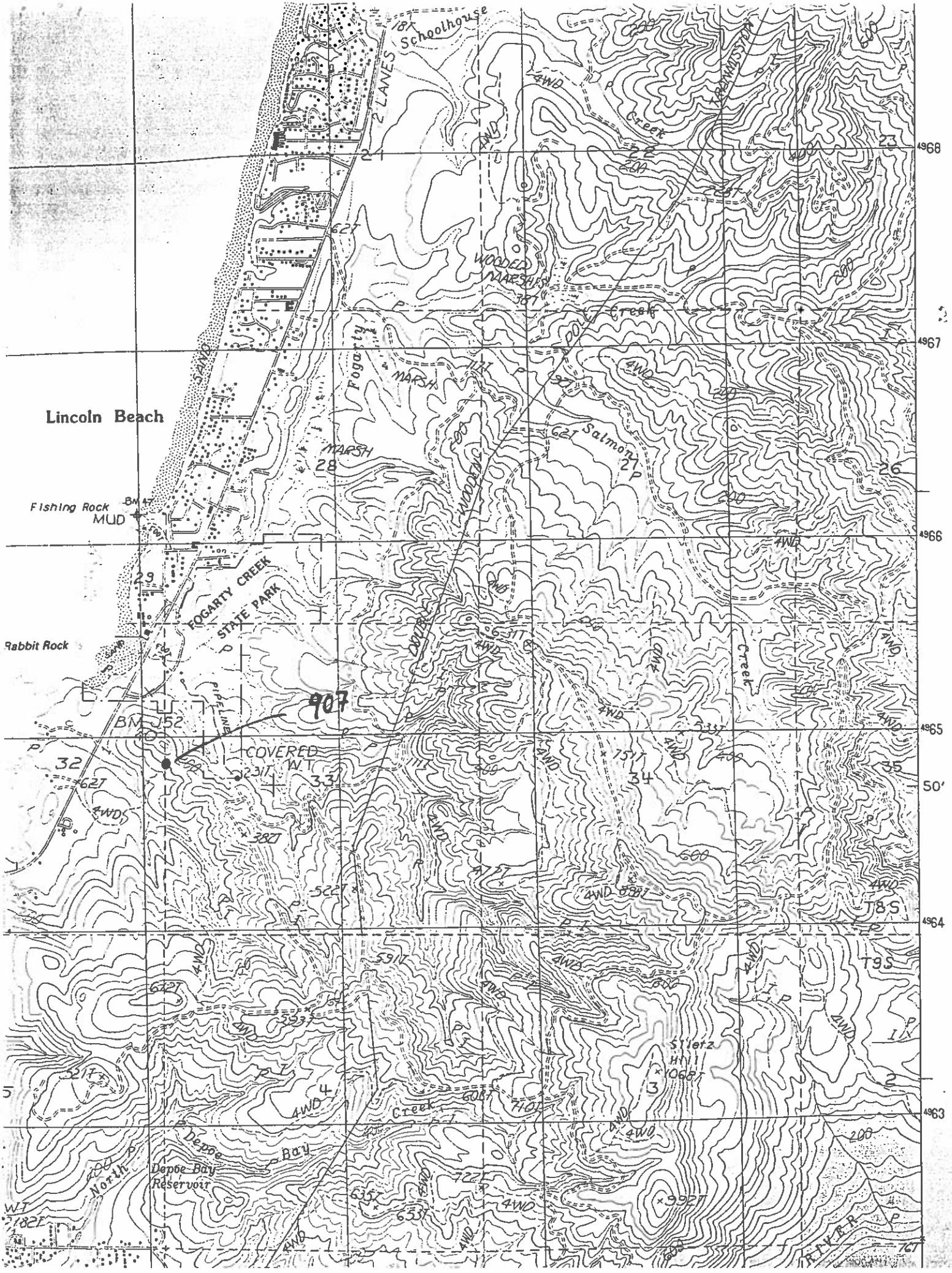
Cannery Hill 13
Salal Pt 13
Nestucca Bay E 13
Nestucca Bay
SIUSLAW NATIONAL FOREST
Salal Point
Little
Levee
Upton Slough
Oretown
Tidal Flat
BAY
Hill



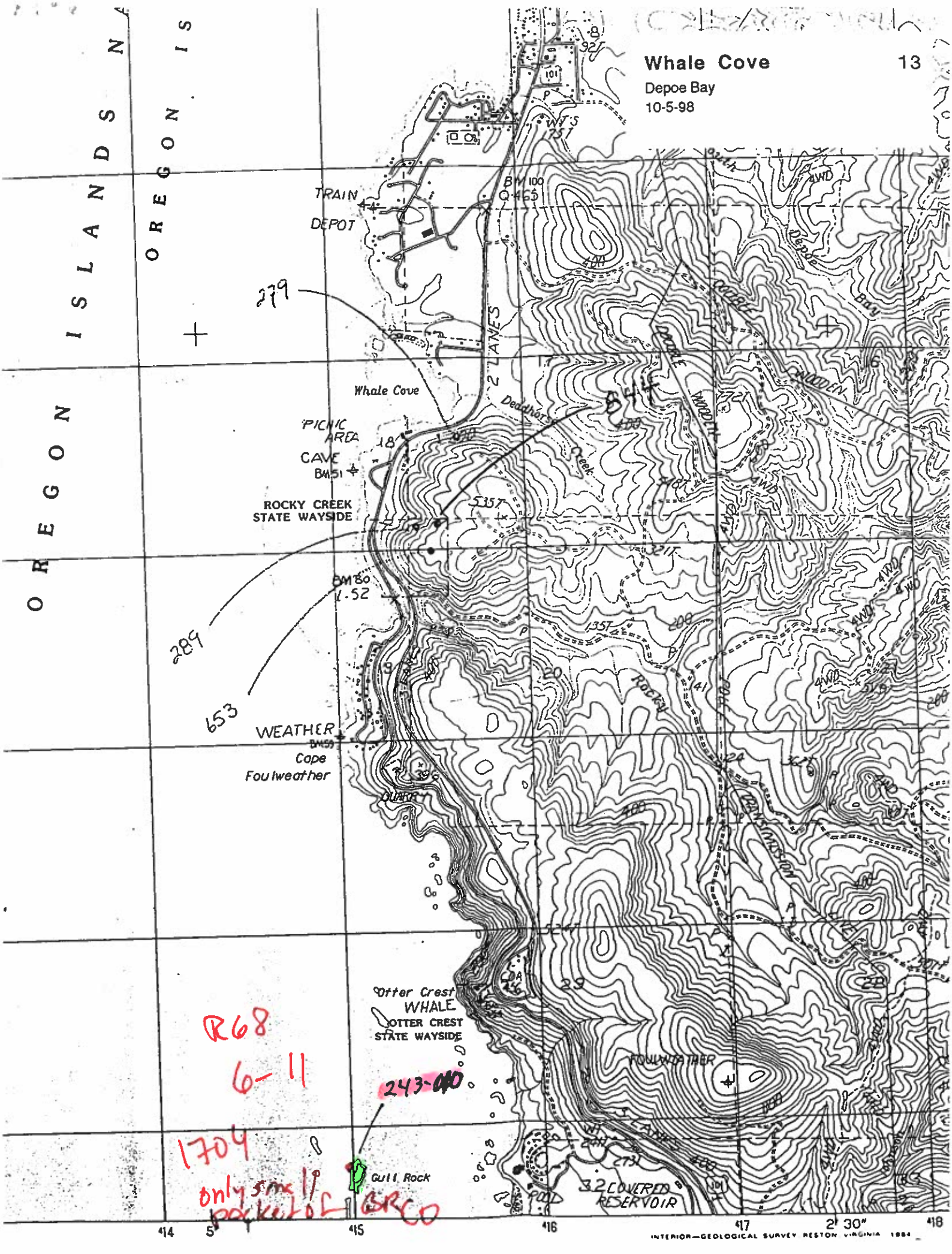
1633
peco
R66
16-
PECO - LOOK AT SLIDES
PACIFIC OCEAN
607
912
791
Neskowin
NATIONAL FOREST
Harts Cove
Chitwood Creek
EXPERIMENTAL RESEARCH
SIUSL
37
R66
219-069
219-068
Rocks
219-070
Center
708
179
184
Cliff Creek
Just after coming no PECO
219-072
219-071
Two Arches
235
230
CAS
R67
1-38
1639
219-073
BOUNDARY
WILDLIFE REFUGE
WILDERNESS
Rocks
Pepacle
Crowley Creek
219-075
29-30
R67
Three Rocks
219-076
219-077
1645
R68 1-5
Three Rocks
Boat Ramp
TILLAMOOK CO
LINCOLN CO
CASCADE
Knight Park
Camp Westwind
1649
SCENIC RESEARCH


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
124° 00'
45° 00'
57' 30"
Neotsu
Lake Point
Park
Oceanlake
Sand Point
Park
Lincoln City
Pacific View Memorial Gardens
DEVILS
LAKE
Regatta Park
EAST DEVILS LAKE STATE PARK
NATURAL GAS PIPE LINE
Rock Creek
Thompson Creek
Borrow Pit
FOREST
DL

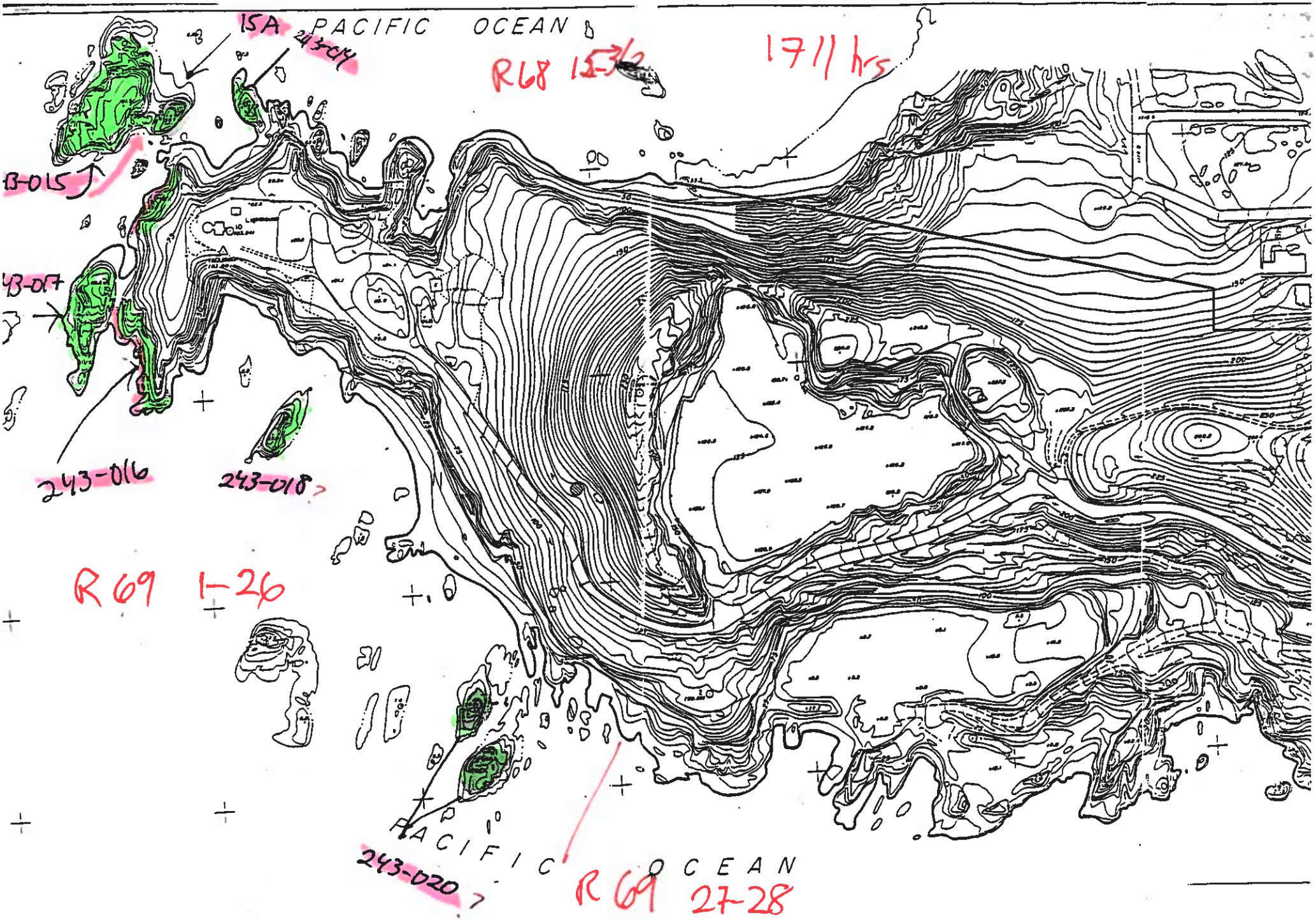

Siletz Bay
Devils Lake
13
Anderson
Drift
Creek
Gordey
DBL WOODEN POLE PWR LINE
NATURAL GAS LINE
WATER TANK 311
BORROW PIT
PIPELINE
WATER PUMPING STATION
Mile 1
Pikes Camp
MILLPORT SLU
QUARRY
WATER TANK
Coyote Rock
Tony Creek
Bones
Chinook
470000 FEET
4976
4975
4973
4972
4971
4970
153
172
55'
T7S
T8S
180
162T
55T
488T
902T
14T
22T
24T
10WL
2WL
229



Lincoln Beach
Fishing Rock
MUD
Rabbit Rock
FOGARTY CREEK
STATE PARK
907
COVERED
W.T.
BM J52
Schoolhouse
2 LANES
Fogarty
MARSH
WOODED
MARSHES
Salmon
Creek
Depoe Bay
Depoe Bay
Reservoir
North
Creek
Siletz
Hill
T8S
T9S
4968
4967
4966
4965
4964
4963

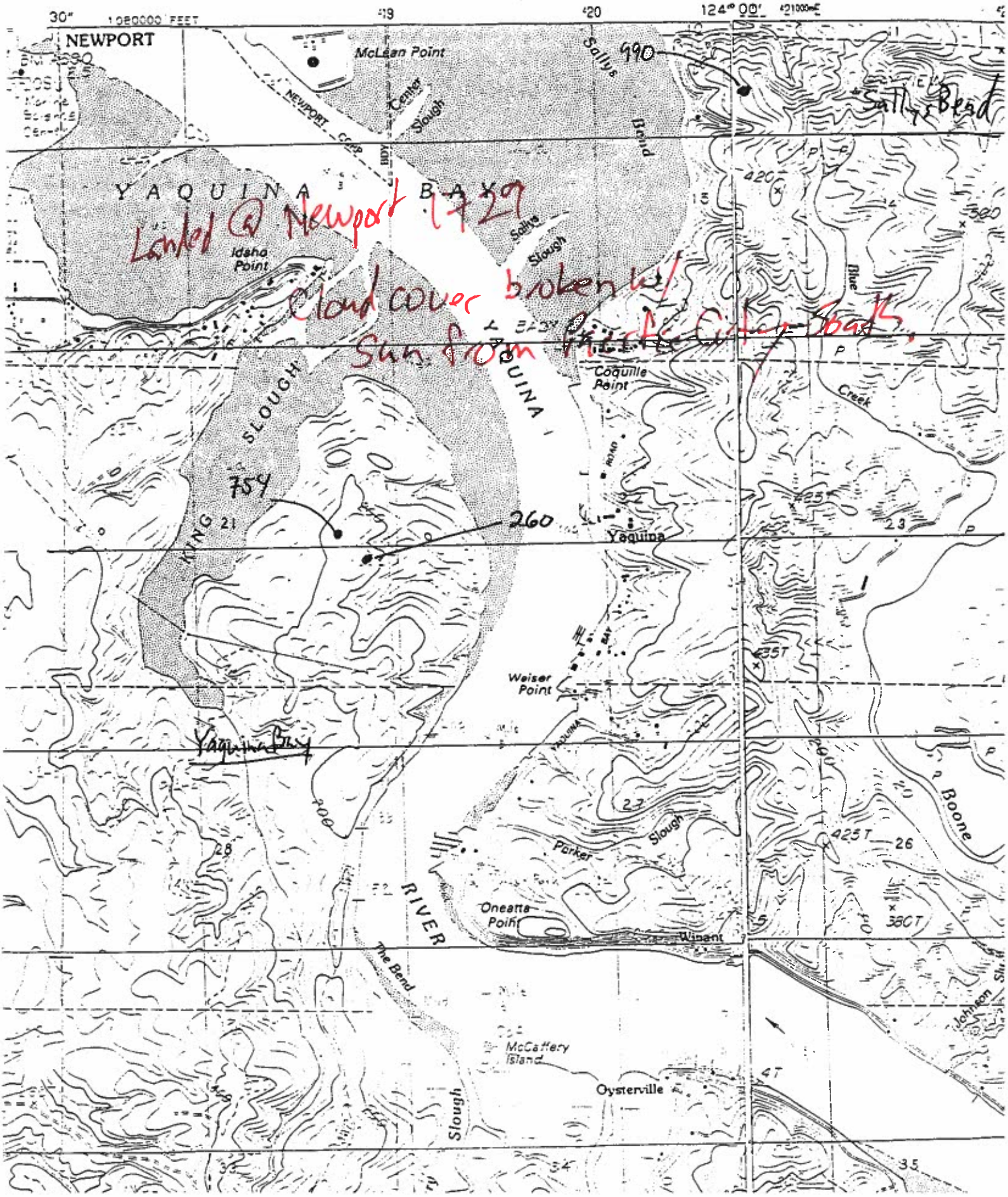

Whale Cove
13
Depoe Bay
10-5-98
OREGON ISLANDS
OREGON IS
TRAIN DEPOT
BM 100
Q 465
279
2 LANES
Whale Cove
PICNIC AREA
CAVE
BM51
ROCKY CREEK STATE WAYSIDE
Deadhorse Creek
844
Depoe Bay
COOBEE WOODEN
BM80
1.52
289
653
WEATHER
BM59
Cape Foulweather
QUARRY
Rocky
TRANSMISSION
Otter Crest
WHALE
OTTER CREST STATE WAYSIDE
FOULWEATHER
R68
6-11
243-010
1704
only small
packet of BR CO
Gull Rock
3.2 COVERED RESERVOIR
POOL
414
5'
415
416
417
2' 30"
418
INTERIOR—GEOLOGICAL SURVEY RESTON VIRGINIA 1984

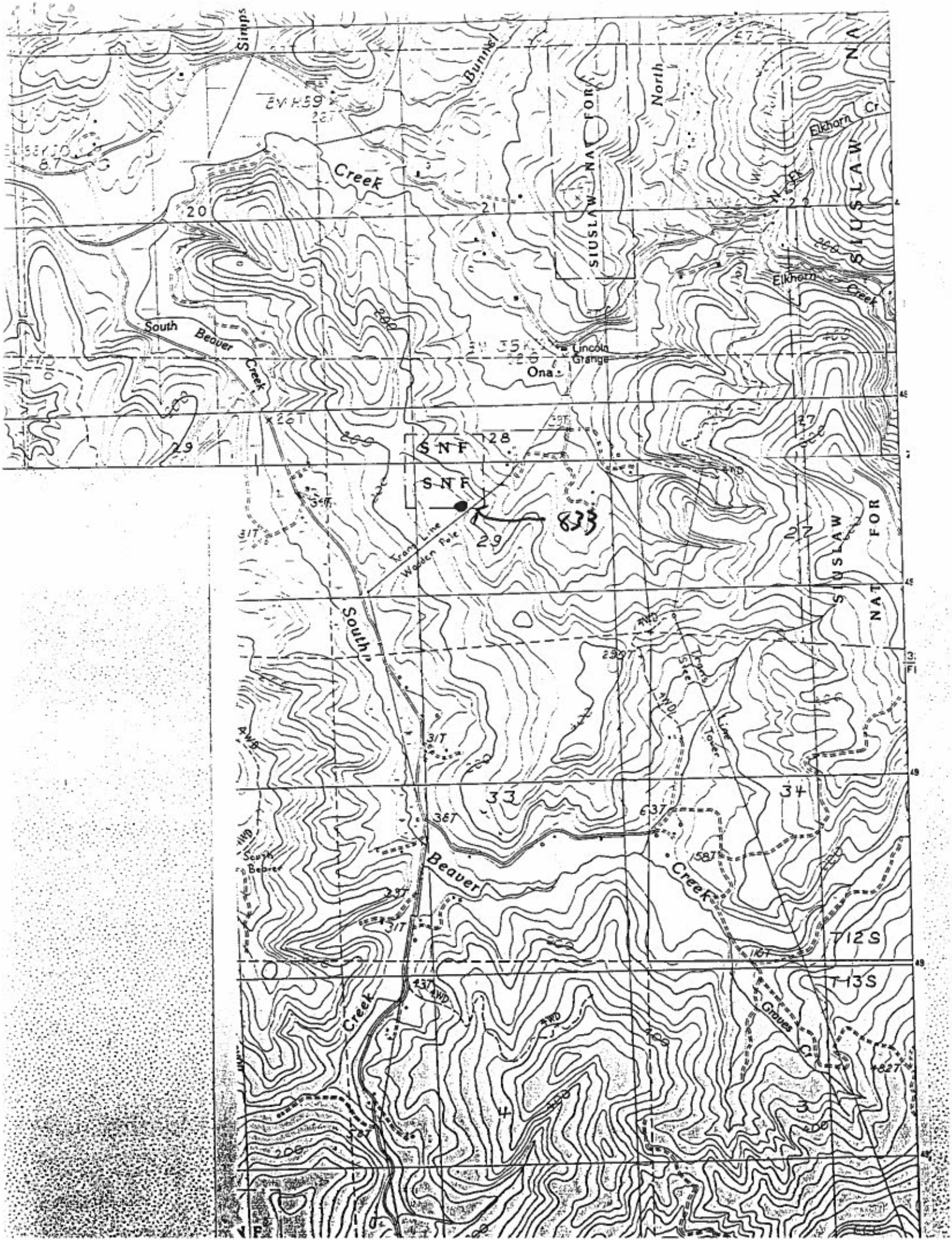
Coal
BM 52
LACK
Moolack Beach
Moolack
OLD
INDIAN
RESERVATION
BDY
Iron Mountain
Schooner Point
101
128T
Quarry
NEWPORT
Schooner
Creek
Borrow Pit
Borrow Pit
TRAILER
548T
Light house
Yaquina Pt.
Latitude Sta.
Yaquina Head
Quarry
Agate Beach
128.5
Little
Creek
Golf Course
Substation
AGATE BEACH STATE WAYSIDE
Picnic Area
Big
Big Cr Reservoir No 1
Big Cr Reservoir No 2
Blattner


PACIFIC OCEAN
15A
243-014
R68 15-36
1711 hrs
13-015
43-017
243-016
243-018
R 69 1-26
243-020
PACIFIC OCEAN
R 69 27-28

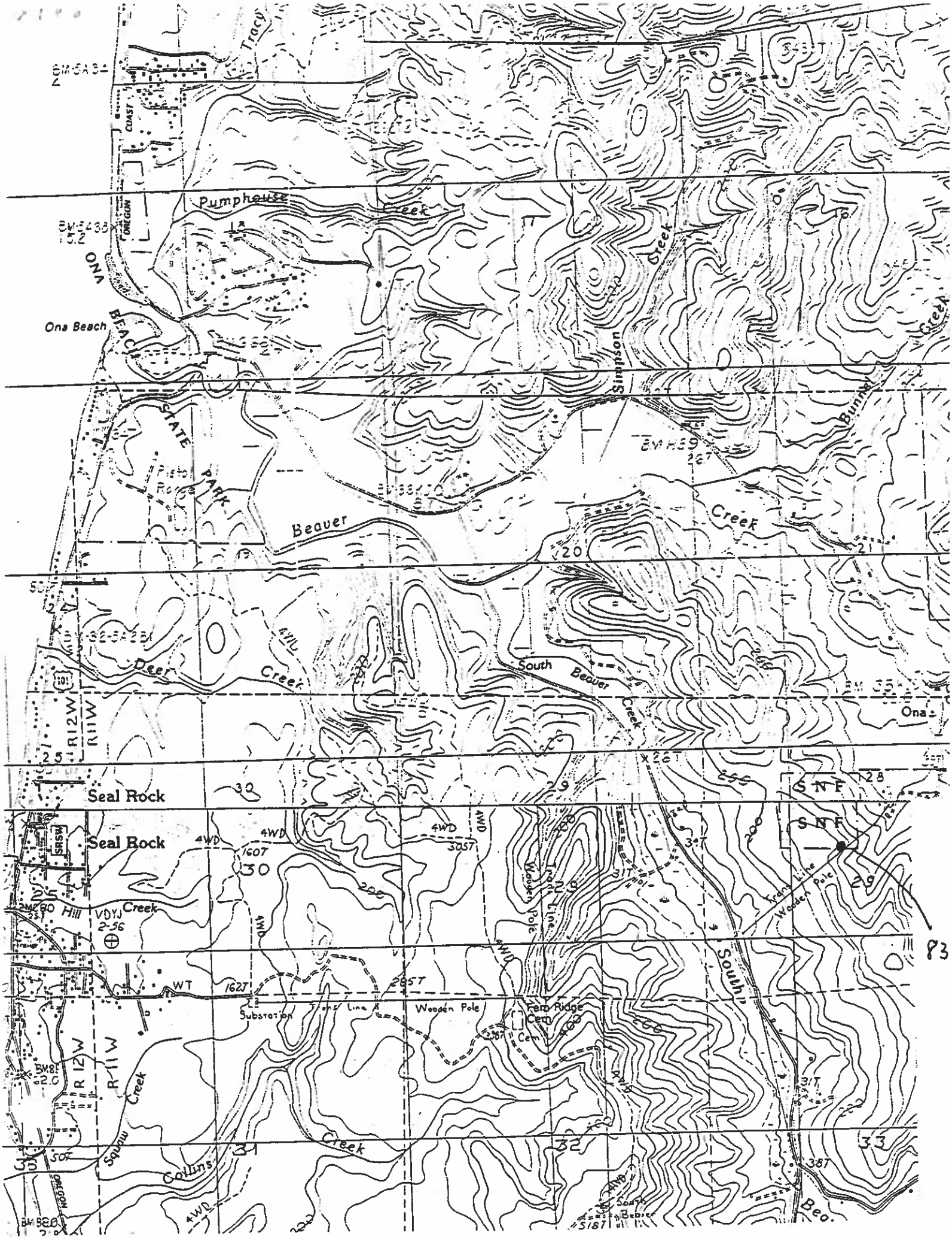
NEWPORT SOUTH QUADRANGLE
OREGON—LINCOLN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE I
GEOLOGICAL SUR

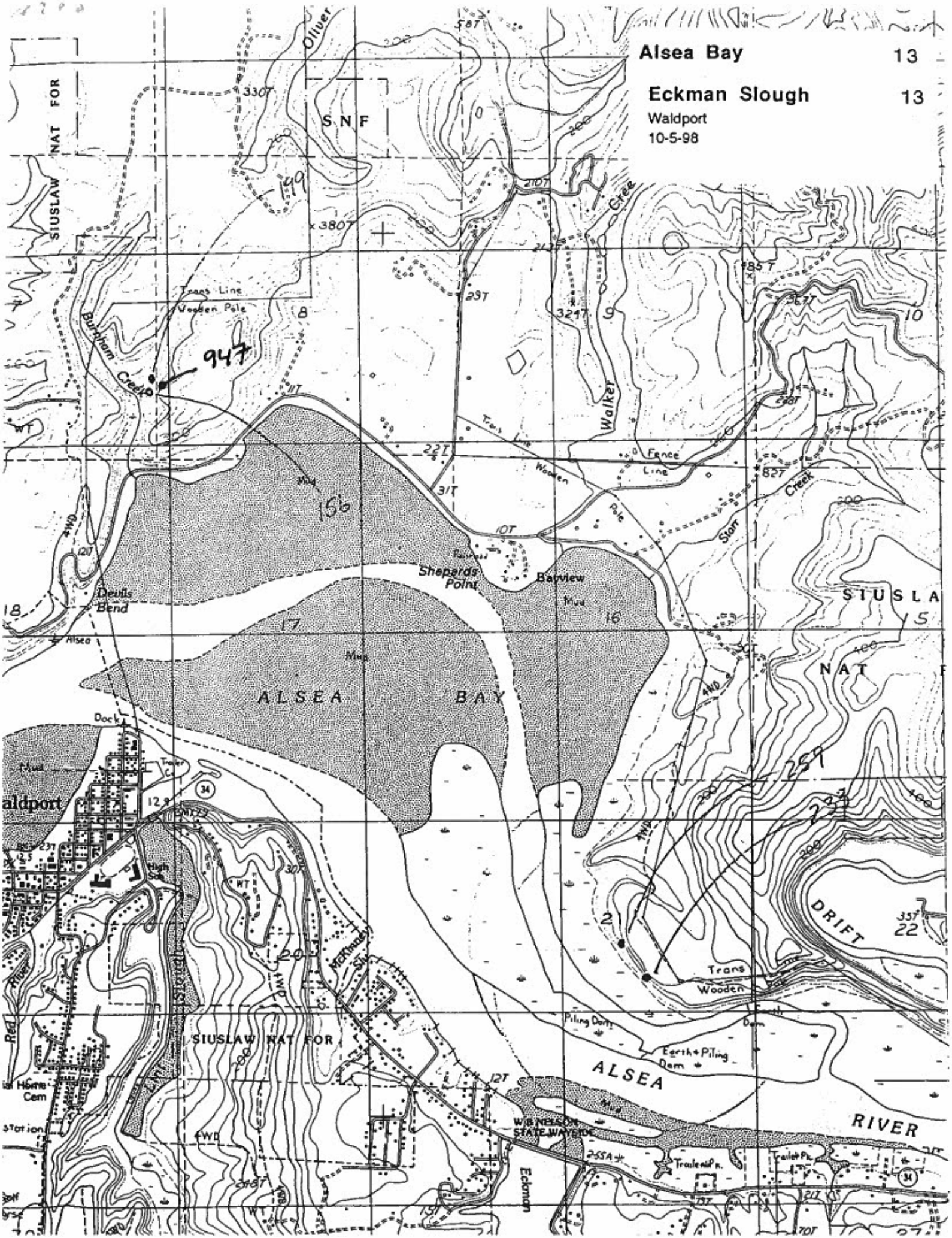




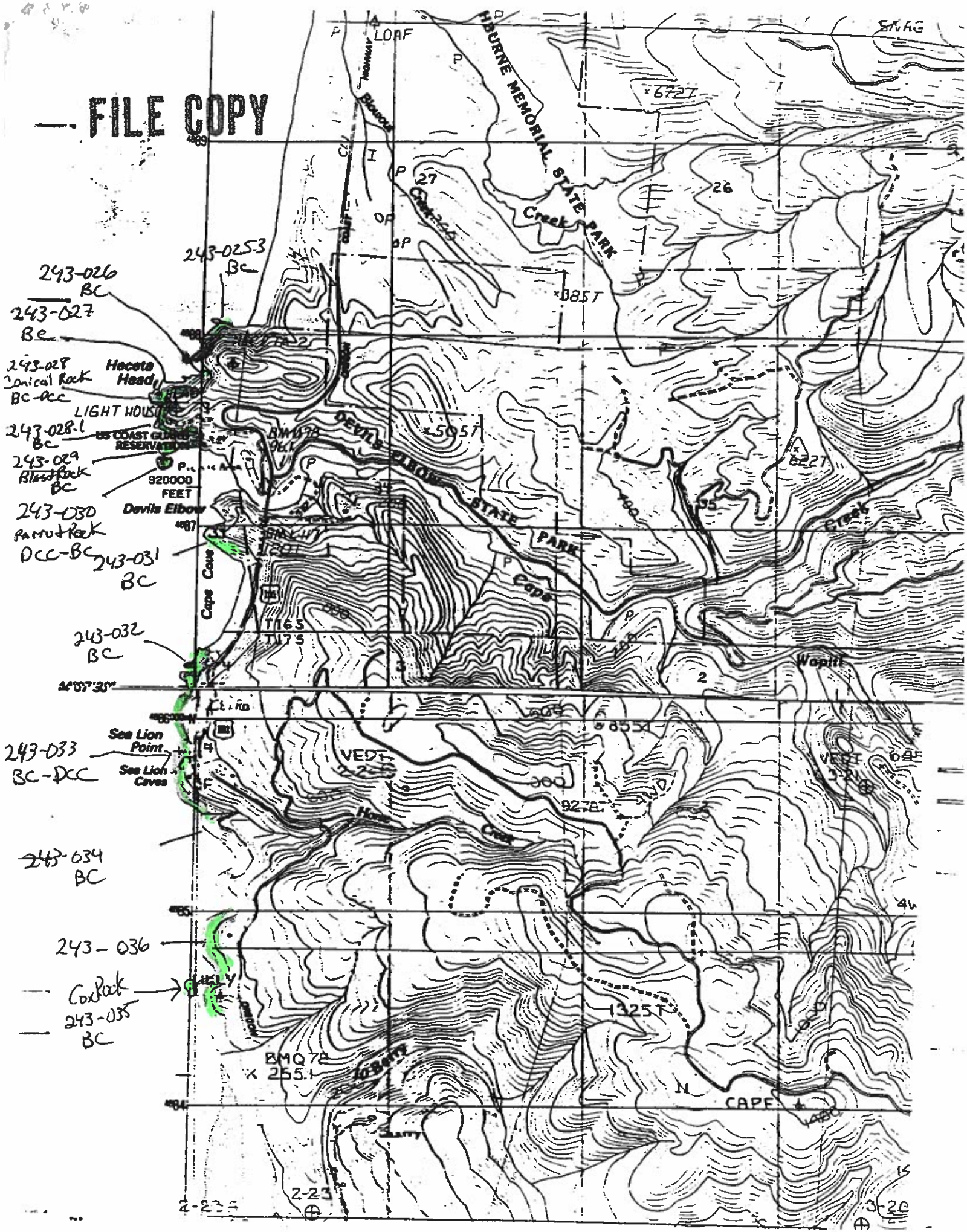
Simps
Bunnel
North
SIUSLAW NAT FOR
Elkhorn Cr
Creek
20
21
SIUSLAW
Elkhorn
Creek
South
Beaver
Creek
Lincoln
Grange
Ona
29
28
SNF
SNF
833
Trans Line
Wooden Pole
29
27
SIUSLAW
NAT FOR
South
Trans
Line
Tower
33
34
Beaver
Creek
South
Beaver
T12S
T13S
Creek
Graves
Cr
4
3



Tracy
Pumphouse
Creek
ONA BEACH STATE PARK
Ona Beach
Simpson
Creek
Bunnel
Creek
Pistol Range
Beaver
Creek
Deer
Creek
South
Beaver
Creek
Ona
R12W
R11W
Seal Rock
Seal Rock
SNF
SNF
Hill
Creek
Trans Line
Wooden Pole
Substation
Wooden Pole
Fern Ridge Cem
Cem
South
Squaw
Creek
Collins
Creek
South Beaver
Beo.
83


Alsea Bay 13
Eckman Slough 13
Waldport
10-5-98
SIUSLAW NAT FOR
S N F
Oliver
Trans Line
Wooden Pole
Burnham Creek
947
Walker
Fence Line
Starr Creek
Shepards Point
Bayview
Devils Bend
Alsea
ALSEA BAY
SIUSLA
NAT
Dock
Waldport
High Sch
McKinney Slu
Slough
SIUSLAW NAT FOR
Red River
Trans Line
Wooden Pole
Piling Dam
Earth + Piling Dam
ALSEA
RIVER
DRIFT
W B NELSON STATE WAYSIDE
Eckman
Trailer Pk.
Trailer Pk.
Station
Cem
Mud
156
259
233

FILE COPY
Reynolds
Placer Lake
726
101
NAT
FOR
BDY
TIL-OSHD
24
CAMPGROUND
Camp Angell
BLUE
32.7
Tillicum Beach
HWY
Big
12
San Marine
Trans
COAST
South
SHORE
18
BM
BLODGETT
OREGON
14
13
BOUNDARY
Fork
OCEAN
WILDLIFE REFUGE
WILDERNESS
Vingie
SUBSTATION
FOREST
FOX
32
Starr
24
23
NATIONAL
22
SMELT SANDS STATE WAYSIDE
SILVER
Creek
Agency
Salmon


FILE COPY
243-025.3 BC
243-026 BC
243-027 BC
243-028 Conical Rock BC-DCC
Heceta Head
LIGHT HOUSE
243-028.1 BC
US COAST GUARD RESERVATION
243-029 Blast Rock BC
920000 FEET
Devils Elbow
243-030 Parrot Rock DCC-BC
243-031 BC
Cape Cove
243-032 BC
Sea Lion Point
Sea Lion Caves
243-033 BC-DCC
243-034 BC
243-036
Cox Rock
243-035 BC
HBURNE MEMORIAL STATE PARK
Creek
DEVILS ELBOW STATE PARK
Cape
Wapiti
Creek
Horse Creek
CAPE
T16S
T17S
BMQ78
255.1
1325T
1385T
1505T
1622T
1672T
2-23
2-23A
3-20