

EASTERN GOLDFIELDS : AERIAL SURVEY OF WATERBIRDS

24-26 SEP. 1980 : LANE, MUNRO, FULLER, YOUNGSON

AIRCRAFT : PARTHENAIA (High Wing, Twin Engine, 6 seats
cruising speed 140 kts)

WEDNESDAY 24 SEPTEMBER 1980

1017 hrs. Depart Jandakot for Kalgoorlie.
Red and Muddy Lakes : water level high
Black Duck (?) : 20
Black Flag Lake : water level high
Black Swan : several birds, one
brood of cygnets.
White Flag Lake : shallow. No waterbirds
seen.

1233 hrs Land Kalgoorlie airport

1410 hrs Continue survey
Hannan Lake : $\frac{1}{2}$ - $\frac{3}{4}$ full. Wetlands
extending SE appear 95% dry.
Lake Parkelilli and others in vicinity
contain water.
Lake Yindarlgooda : 98% dry.
Banded Stilt : Thousands
Shelduck : Hundreds

1436 hrs Lake Roe : appears mainly dry

1444 hrs Lake Rebecca (south of 30°00'S) patches of
water 50 metres to 10 km in length.
Banded Stilt Thousands
Shelduck : Tens
Avocet : One
Small Lakes in Vicinity of Lake Rebecca (south
of 30°00'S) : mainly dry
Teal : Hundreds
Lake Rebecca (north of 30°00'S) mainly dry;
one patch of water 4 km long.
Banded Stilt : 40

1519 hrs Small Lakes on east side of Lake Rebecca (North
of 30 00'S
Shelduck : 25 plus one brood of ducklings
Teal

1528 hrs Lake Raeside : patch of water 6 km long near
Claypan Creek.
Banded Stilt : 15,000
Shelduck : several broods
Avocet : tens?
Small Waders (Dotterel?) : 20

1552 hrs Lake Minigwal : almost entirely dry. Two
patches of water up to 200 metres long.
No birds.

1608 hrs Lake Carey : almost entirely dry. One patch of
water 2 km long.
Shelduck : tens plus several broods
Teal : 7

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Small Lakes on west side of Lake Carey:
Teal : 20
Shelduck : several plus one brood
Small Waders (Dotterel?)

1640 hrs Small Dam (100 x 300 metres) on Creek :
Teal, Wood Duck, Pied Stilt, Black Duck, Marsh Tern.

1650 hrs Lake Raeside : this portion 90% covered by shallow water.
Banded Stilt : 10,000 plus
Shelduck : Hundreds
Teal : Hundreds
Small Waders : Hundreds

Small Lakes in vicinity of Lake Raeside :
Teal : Thousands
Banded Stilt : Hundreds
Shelduck : one brood
White-necked Heron, White-faced Heron, Avocet.

1720 hrs River Course and associated small lakes extending NW from Lake Raeside : continuous water.
Teal : many thousands
Shelduck : Thousands
Banded Stilt : Hundreds
Pied Stilt : Hundreds
Small Waders (Dotterel?) : Hundreds
Black Swan : Tens
Terns, Avocet.

1748 hrs End of day's survey. Head for Leonora.

THURSDAY 25 SEPTEMBER 1980

0830 hrs Takeoff Leonora

0836 hrs Malcolm Dam - photograph

0855 hrs Lake 21 km WNW of Laverton and creek leading north : Lake 3/4 full.
Pied Stilt : Hundreds
Shelduck : Hundreds plus one brood
Teal : Hundreds
Banded Stilt : Hundreds
Terns : Tens
Black Swan : 3 broods, 9 old nests.
Avocet, White-faced Heron

0905 hrs Small Lakes extending north to Mappa Lake area
Shelduck : 40
White-necked Heron : 5

0915 hrs Un-named Lake System : mainly dry, a few small pools.
Shelduck : 1 brood

0925 hrs Road Crossing

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0926 hrs Un-named Lake System continues : mainly dry,
a few small pools to 150m diameter.
Banded Stilt : 50
White-necked Heron : 1

0931 hrs Small Lakes : most are dry

0932 hrs Small lakes with water
Shelduck : Tens
Stilt

0937 hrs Lake Darlot : entirely dry. Pools up to 300 m
long in incoming creeks. No birds seen.

1003 hrs Three lakes in vicinity of Quongdong Well :
largest is 1.5 x 0.5 km.
Swan : one brood
Coot, Grebe.

1023 hrs Lakes to south-east of flight path : mainly dry,
some pools up to 2 km long and 1 km wide.

1031 hrs Lake Wells : dry.
Small Lake near Kyffin Thomas Hill : 100 m
diameter.
Shelduck : 50, plus several broods.

1042 hrs Small Lakes on east side of Lake Wells : up to
300 m diameter. Many dry.
Teal : Hundreds
Shelduck : Tens
Wood Duck : Tens
Avocet : Tens
White-necked and White-faced Heron,
Hardhead, Pink-eared Duck.

1053 hrs Leave Lake Wells.

1054 hrs Road skirts Lake Carnegie

1055 hrs Lake Carnegie : continuous water, appears to be
up to 1 m deep. North-western corner west
of a line from Mt. Alexandra to Mt. Hosken
is dry.
Black Swans : approx. 130 broods counted.
Numerous nests with eggs. Estimate total
number of breeding pairs in vicinity of
1,000. Hundreds of free-flying individuals.
Banded Stilt : Thousands
Teal : Thousands. Broods seen.
Hardhead : Thousands
Shelduck : Tens seen. One brood seen.
Shoveller : A few seen.
Pied Stilt, Avocet, Gull-billed and Marsh
Terns.

Lake on South Side of Lake Carnegie (25 km E of
Federation Headland) :
Teal 100+
Hardhead : Hundreds
Shelduck : Tens, plus one brood
Black Swan : Tens of broods and nests with
eggs.
Coot, Pied Stilt, Wood Duck, White-necked
Heron.

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1206 hrs Head for Lake Jeffries.
1214 hrs Lake Jeffries
Teal : 3 broods
Wood Duck : 1 brood
Pink-eared Duck, Shoveller, Avocet,
White-necked Heron
Gull-billed and Marsh Terns
1231 hrs Un-named Lake : timbered
Hardhead : Hundreds
Teal : Hundreds
Coot, White-necked and White-faced Heron,
Pied Stilt, Cormorant.
Many lakes with water from Cooper Well to Scadden
Well.
1305 hrs Lake Way : dry
1308 hrs Lake Violet : 80% covered by water.
1312 hrs Land at Wiluna.
1522 hrs Takeoff Wiluna.
1525 hrs Lake Violet :
Banded Stilt : Many hundreds
Teal : Tens
Shelduck : Tens plus one brood
Pied Stilt : Tens
Small Terns : 4
Black Swan : 1
White-necked Heron : 7
1553 hrs Lake Mason : mainly dry. Scattered pools up to
2 km diameter. Very shallow.
Teal : Thousands
Banded Stilt : Thousands
Black Swan : Tens of broods. Nests with eggs.
Shelduck : Hundreds plus numerous broods
Terns, Shoveller, Pied Stilt, Avocet, Black
Duck, Hardhead, Coot.
Small lakes on N side of Lake Mason : 100 metres
diameter.
1608 hrs White-necked and White-faced Heron, Banded
Stilt.
Lakes extending SW from Lake Mason : up to 1 km
diameter. Many dry, some with water.
1635 hrs Large Lake System North of Lake Barlee : Large
areas of shallow and very shallow water.
Banded Stilt : Tens of Thousands
Teal : Thousands plus some broods
Shelduck : Hundreds plus some broods
Pink-eared Duck : Hundreds
Black Swan : Tens, plus one brood plus one
on nest.
Avocet : Hundreds
Pied Stilt : Hundreds
Migratory Waders (?) : One flock of several
hundred.
Dotterels (?) : One flock
1722 hrs Coot, Hardhead and White-necked Heron (1).
Return to Leonora.

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FRIDAY 26 SEPTEMBER 1980

0845 hrs Takeoff from Leonora. Fly westwards.

0848 hrs Lake Raeside : Large areas of water. Shallow.
 Banded Stilt : Many Thousands
 Teal : Thousands
 Avocets : Thousands
 Pied Stilt : Hundreds
 Migratory Waders (?) : Flock of one hundred
 Shelduck : Tens plus one brood
 Black Swan : 2

0910 hrs Leave Lake Raeside.

0925 hrs Lakes NE of Lake Barlee : some have water.
 Teal : Hundreds
 Avocet, Pied and Banded Stilt, Black Duck.

0930 hrs Lake Barlee : Dry most of 119°45'E. Shallow
 water over remainder.
 Banded Stilt : Thousands. Many flightless
 young scattered over NE arm of lake. Two
 islands with more than 100,000 deserted
 eggs in SE area of lake.
 Shelduck : Tens plus 2 broods
 Pied Stilt

1045 hrs Leave Lake Barlee.

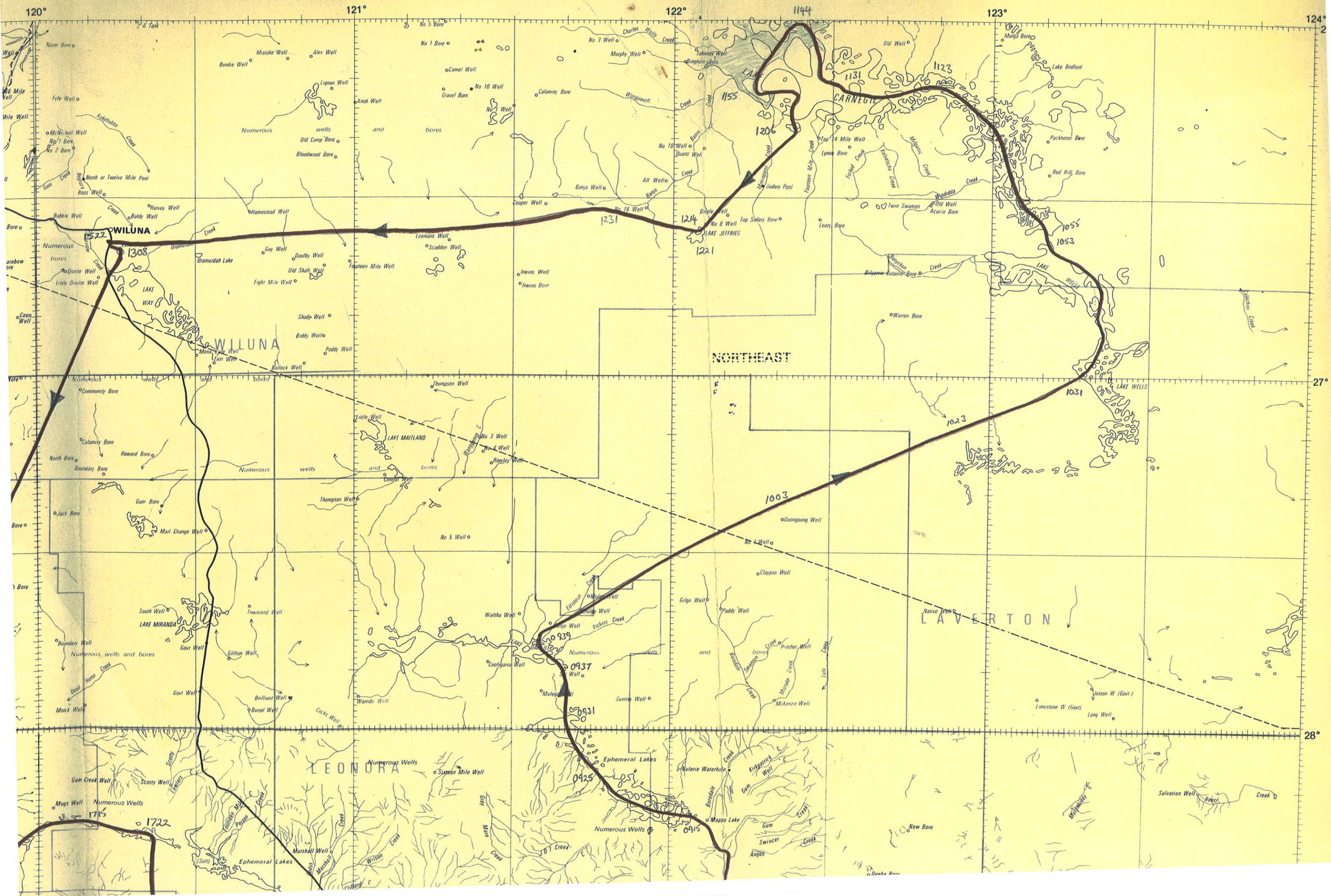
1135 hrs approx. Land at Leonora. Refuel. Return to Perth.
 Lake Ballard viewed from a distance. Appeared
 dry.

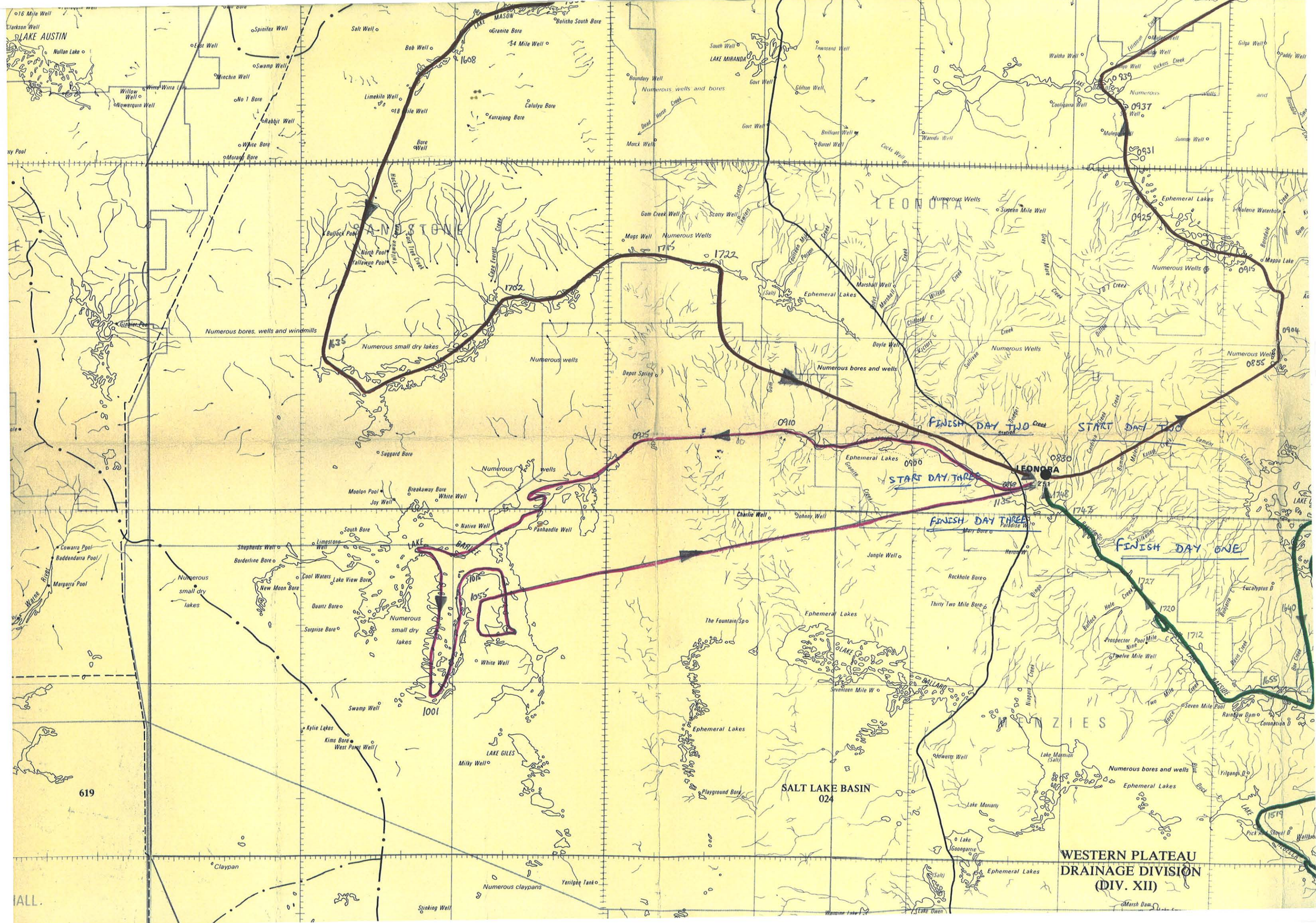
AIR SURVEY : WATERBIRDS

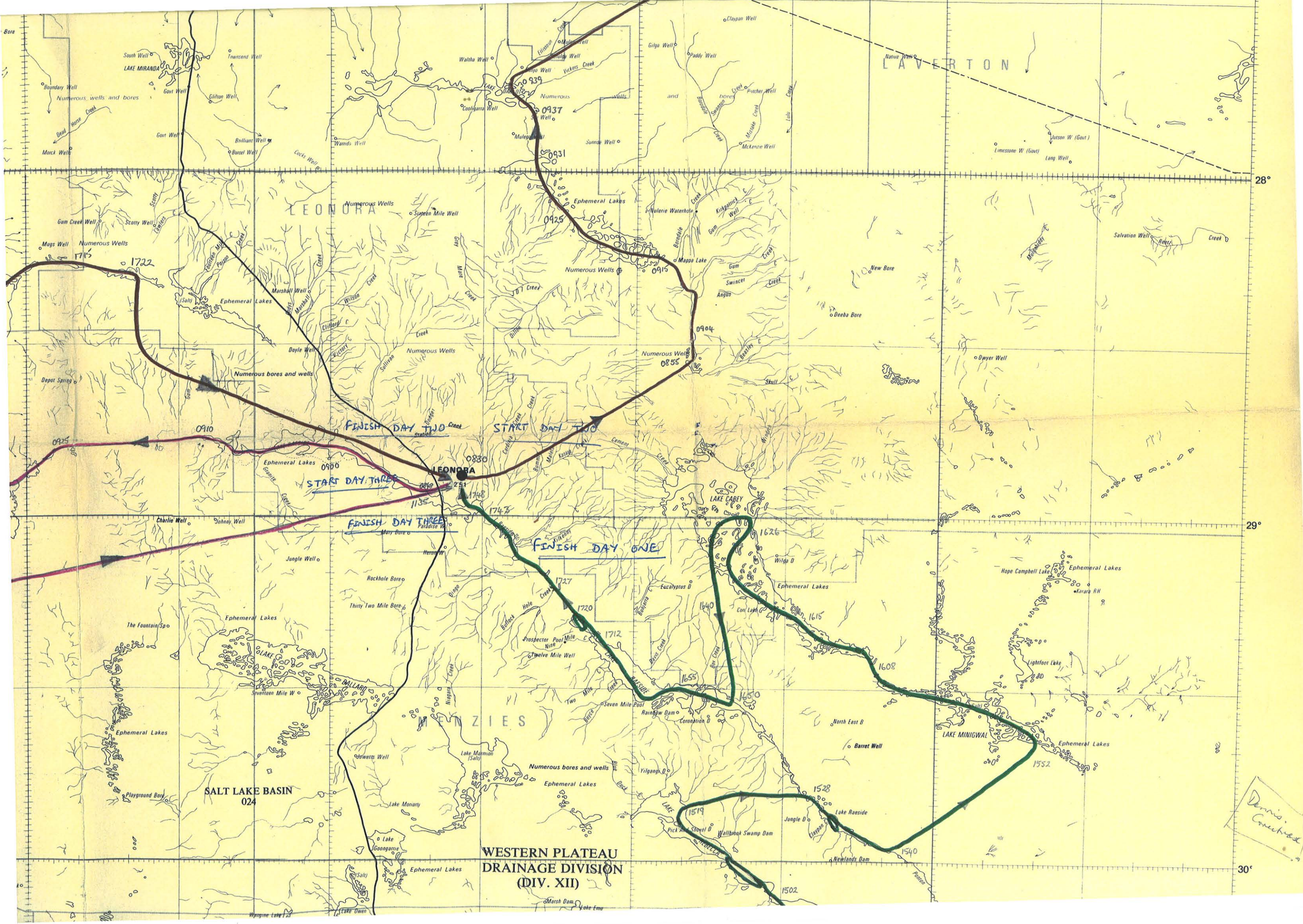
24-26 SEP 1980

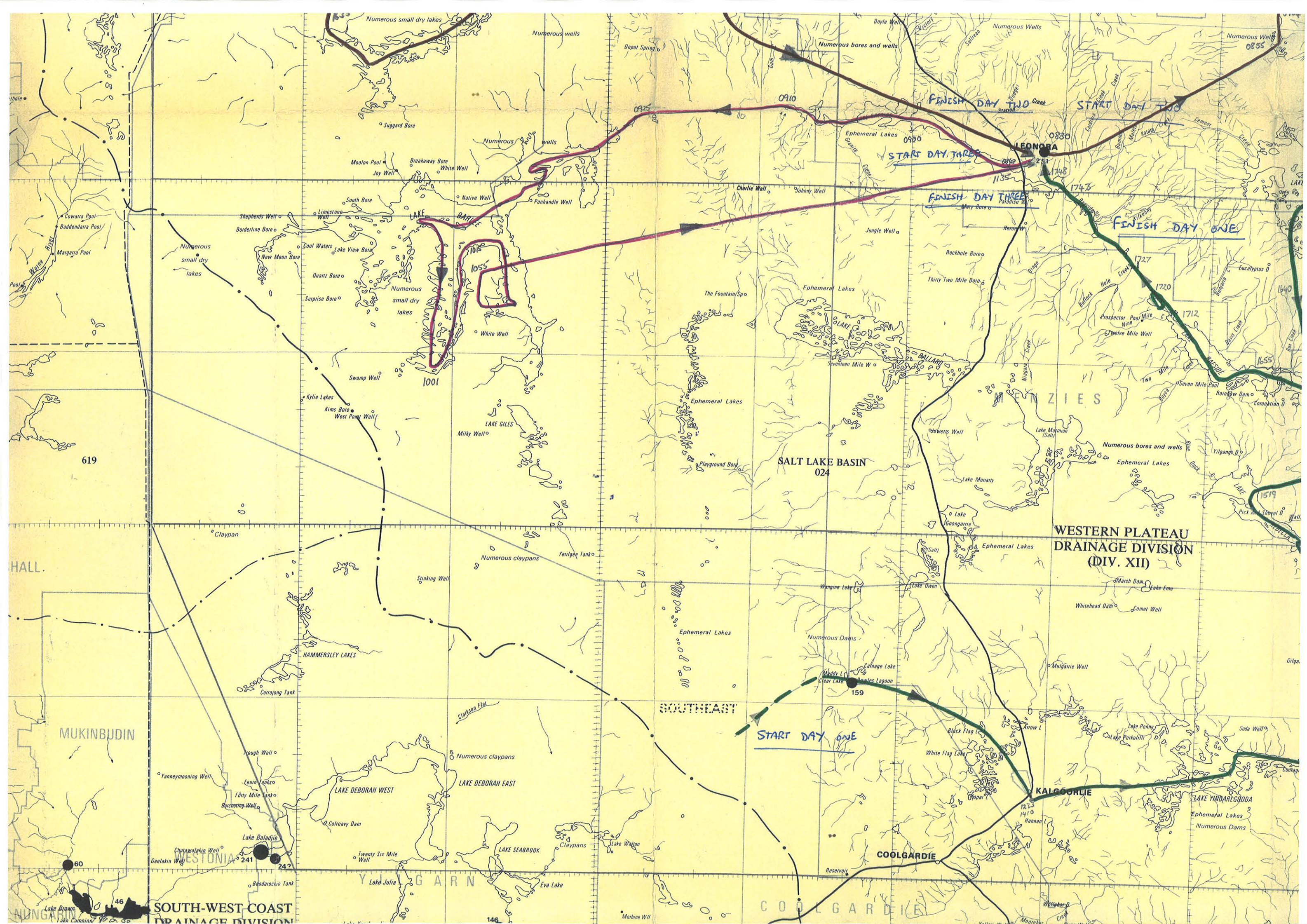
LANE, MUNRO,

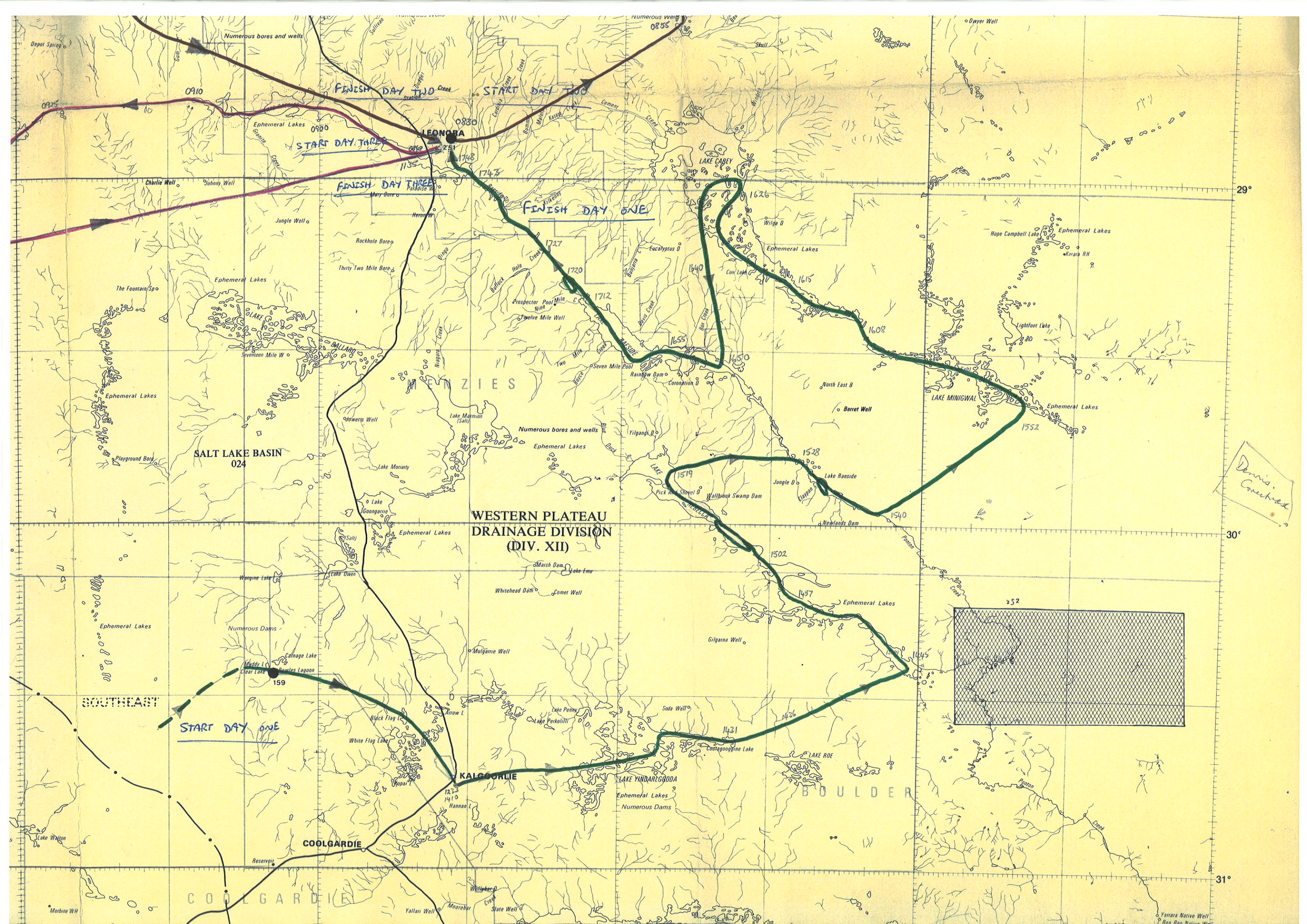


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WESTERN PLATEAU
DRAINAGE DIVISION
(DIV. XII)

SALT LAKE BASIN
024

START DAY ONE

FINISH DAY ONE

START DAY THREE

START DAY TWO

FINISH DAY TWO

FINISH DAY THREE

Dennis.
Corrected