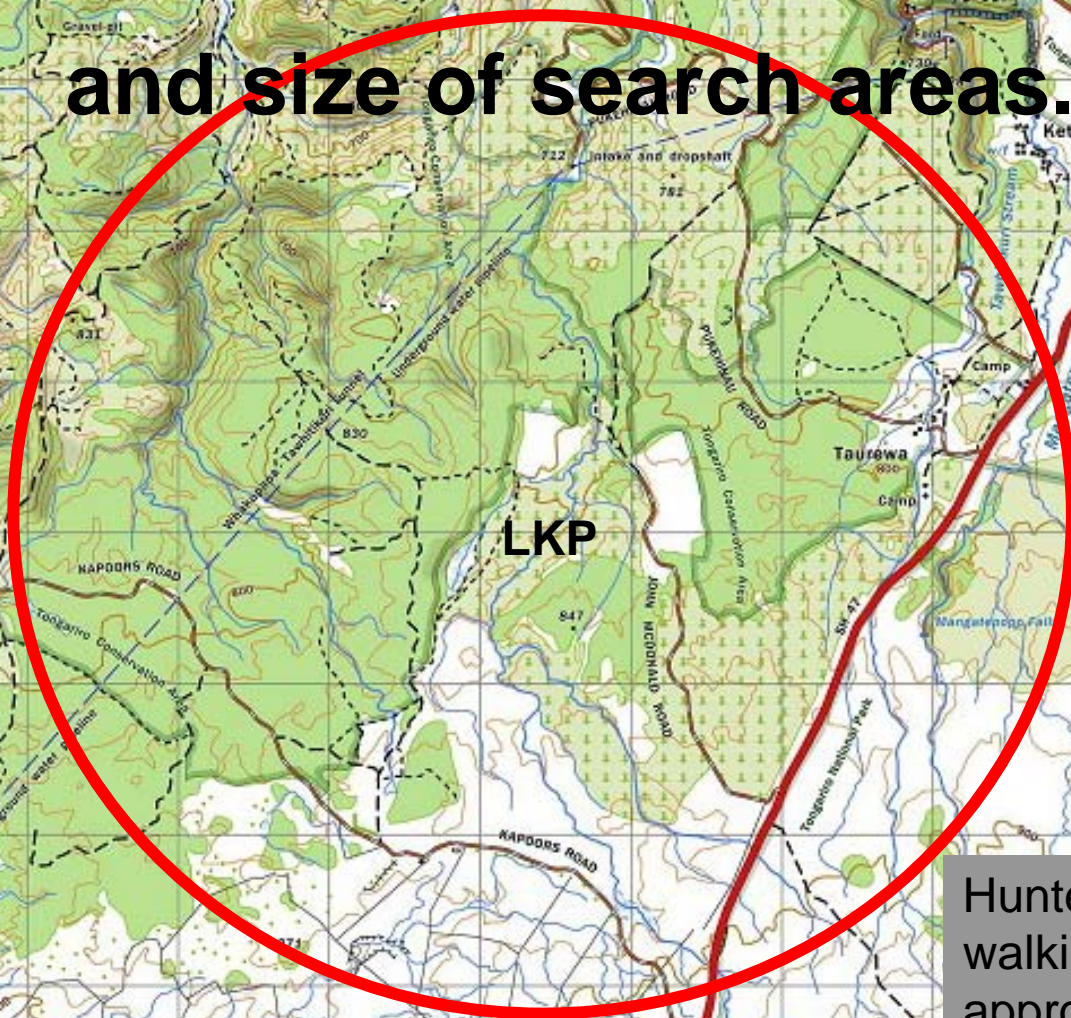


PROCESSING LAST KNOWN POINTS Vehicles



The importance of getting the DOT and size of search areas.



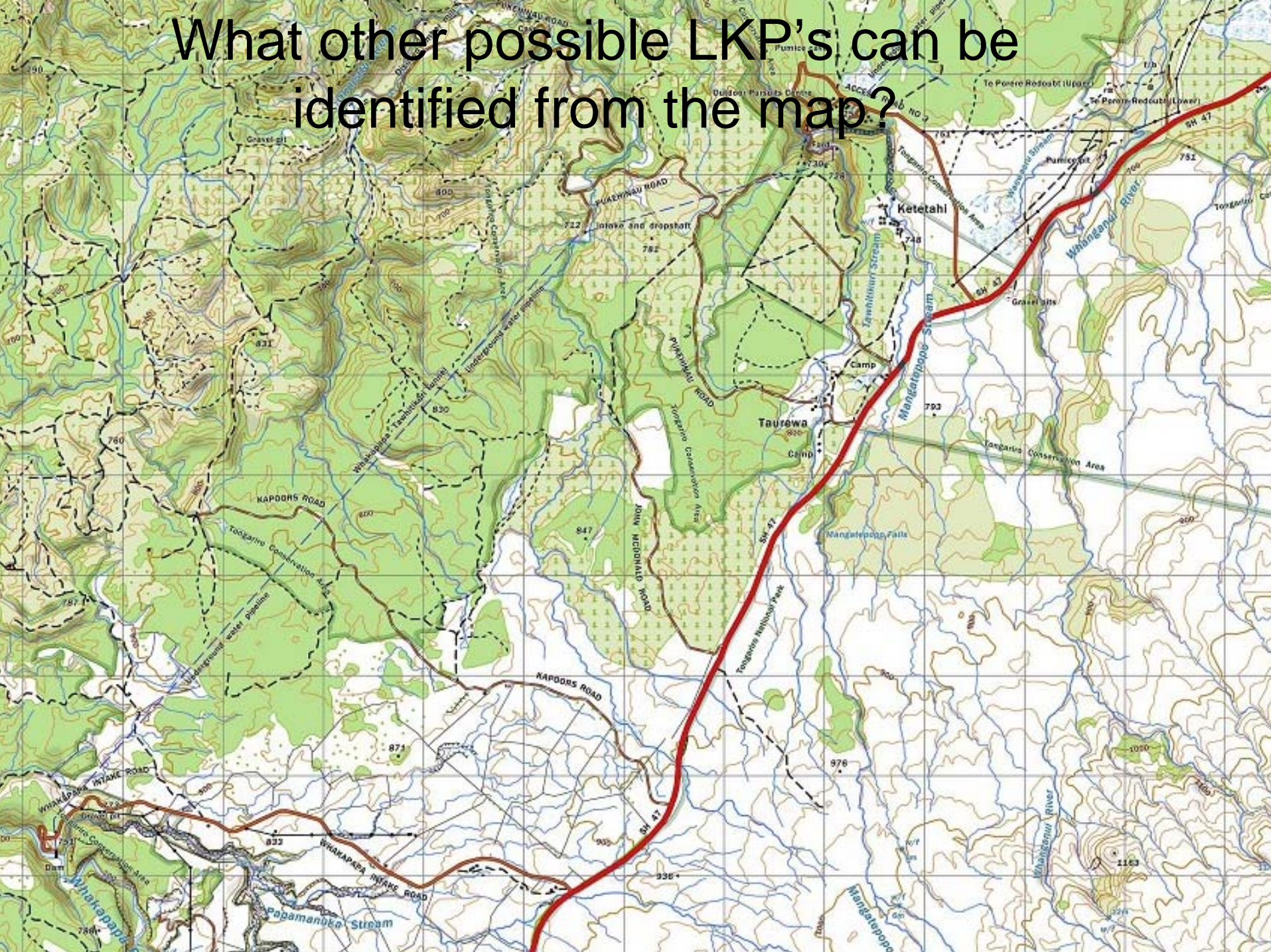
Hunter missing for 1 hr
walking at 3 km/hr gives an
approx search area of 27 km
sq

Time x speed = distance in
any direction

The importance of getting the DOT

- Search areas are huge
- DOT narrows down the search area
- Allows resources to be focused
- Areas that are most likely to contain the subject/s can be established
- Gives a search result faster
- Saves lives

What other possible LKP's can be identified from the map?



Tuning In Exercises

- What is some common sign found in foot prints on grass?
- On gravel ?
- What is some common top sign found ?

Tuning In Exercises

- What other types of clues could be found around or in the vehicle?
- How is sign relevancy and DOT established on a uncontaminated LKP?
- How DOT established on a contaminated LKP?
- How can sign be marked and preserved ?

Processing the LKP-Vehicles

S TOP

T HINK

O BSERVE

P LAN

P ROCESS

E VALAUTE

R EPORT

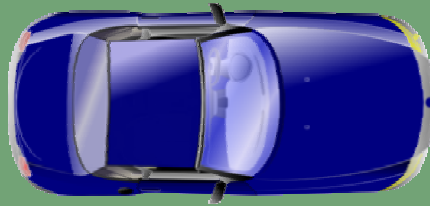


A Team Processing the LKP



Vehicle Sign cutting example

Vegetation barrier



•Cut 1-2 m out form vehicle

•Approach by least likely route

Drain

•Another cut 5-6 m out . Use terrain ,vegetation and other cuttable surface to advantage

Vehicle Sign cutting- getting DOT



Cut 5-6 m out using terrain /vegetation etc to advantage

Cut 1-2 m out

Establishing Relevance of Sign



- Type of footwear
- Age
- Numbers of people
- Linking prints back to vehicle



Some Vehicle Hot Spots



- Out from doors- heels facing outwards
- Rear of vehicle
- Change of footwear



Door handles

Windows

Rub marks on sills

Out from doors -heels facing outwards

Processing inside the vehicle

From outside systematically observe the vehicle interior for:

- Sitting positions
- Boot imprints on floor mats
- What has been left inside including notes
- Anything else that will provide information

Accessing the vehicle

- Seek IMT permission
- Vehicle can legally be accessed by Police - seek IMT advice
- Keys may be on the vehicle or stashed close by. Look for sign as to where

Accessing the vehicle

- Look for anything that will give intent , what is being carried ,equipment left behind etc.
- Anything else
- Search systematically

Practical Exercise Brief

Exercise Objective

- To process a vehicle using STOPPER

Time approx

- 1- 2 hours

Set up

- Area
- Team members and leaders
- How the exercise will be run

Risk management

- Hazards in the area
- Risks associated with those hazards
- How the risks will be managed

Debrief

What information was gained by the processing team ?

How reliable is that information ?

Learning points

Summary

Any questions on what has been covered?

Suggestions on how to improve this exercise ?

What other training do you think should be covered in the future ?



Programme Timings

PPT slides	Subject area	Time- approx
1-3	Teaching point 1 :Intro and sizes of search areas and the importance of getting DOT.	20min
4	Teaching point 2 :LKP's may vary but field teams focus remains similar .This module will focus on vehicles	5 min
5-6	Teaching point 3 :Exercise to refresh on human sign , establishing sign relevancy, and getting DOT	25 min
7-15	Teaching point 4 :Process vehicles- approach Teaching point 5 : Process vehicles- exterior and surrounds Teaching point 6:Process vehicles- interior	40 min
16	Practical exercise brief	15 min
	Practical exercise	2 hours plus travel time
17-18	Practical exercise debrief	30 min

Practical Exercise Set Up – Tutor Hint



Pre identify areas

Prevent contamination by placing cones form vehicle



Areas should be off road

Cones clearly seen by participants

Adjacent cut- able surfaces

Acknowledgements

- Resource developed by Global SAR Services Ltd for NZ LandSAR
- Subject matter experts: Nick Coyne, John Culloty, Elton Parata, Matt Hassard and others

References

- N.Z.LandSAR Field Guide
- N.Z.LandSAR Aid Memoir
- Formal Tracking Courses
- N.Z.LandSAR Team Member Competencies
- Teaching Guide Non ppt. Version

- Slides 19-21- contain tutor hints