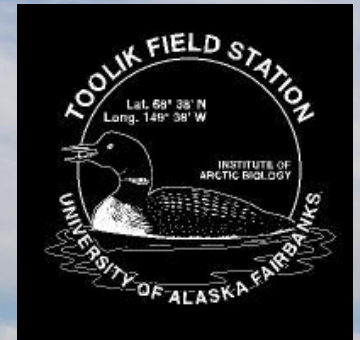


# Toolik RNA

## Site Management

### Possible control areas

Mike Abels, Jason Stuckey, Randy Fulweber



# Site Management

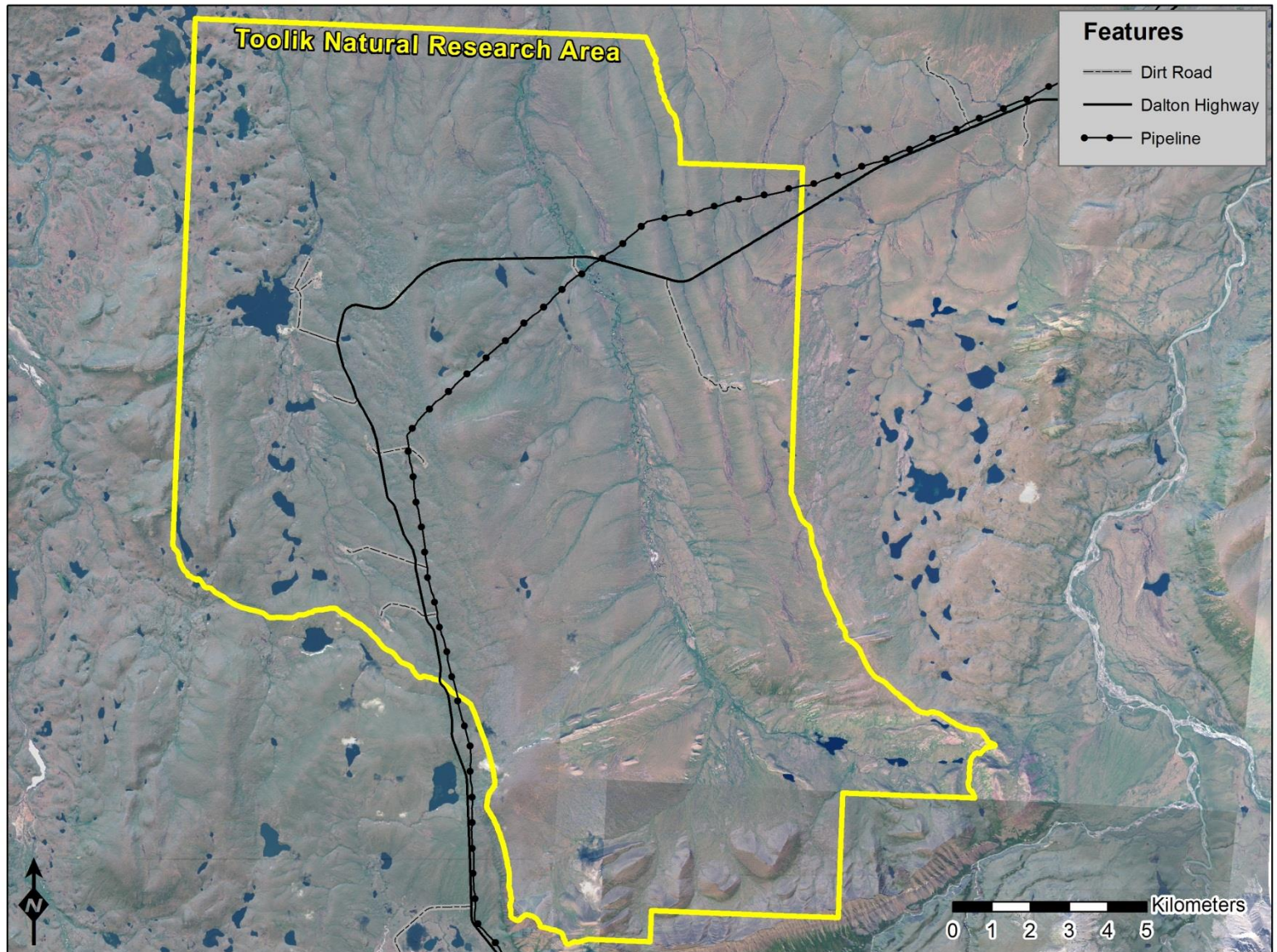
1. Take a fresh look on how we look at the TFS RNA site management and control areas/zones.
2. Realize “No plan is a plan” if that’s where are discussions and meetings have ended.
3. Vision on where we might take a next step based on today’s presentation.
4. Who will capture these ideas today? Volunteer

# Site Management

- “Randy, if Jason and I talk about the RNA, would you make a map of everything we talk about.”
- We would like to show you the 20 maps.



## TOOLIK RESEARCH SITE MANAGEMENT PLAN- OVERVIEW MAP

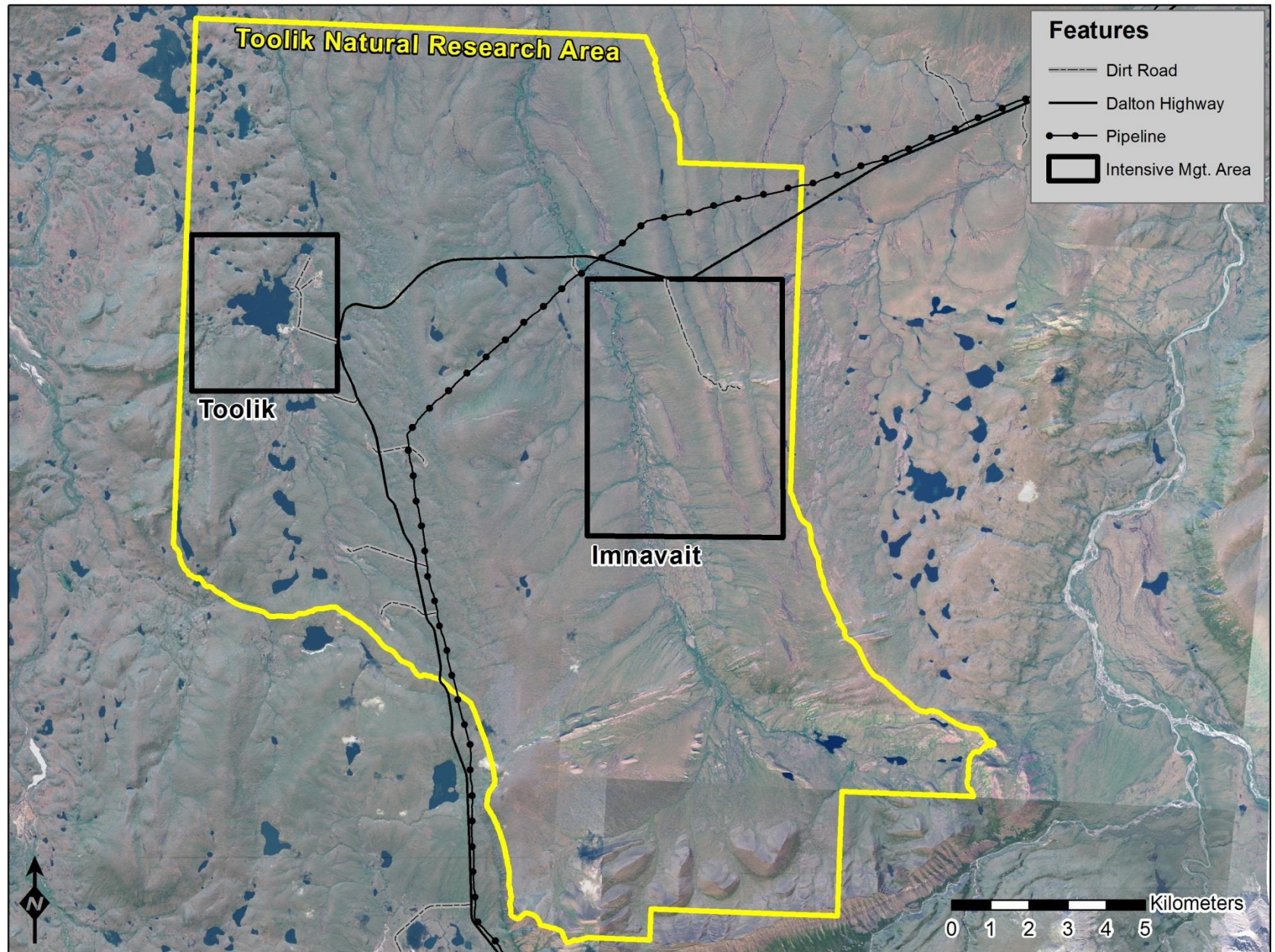


# Site Management

- Are there Intensive Management Areas (IMA)?



## TOOLIK RESEARCH SITE MANAGEMENT PLAN- OVERVIEW MAP





## TOOLIK RESEARCH SITE MANAGEMENT PLAN

Toolik Intensive Management Area



# Toolik IMA

# Site Management

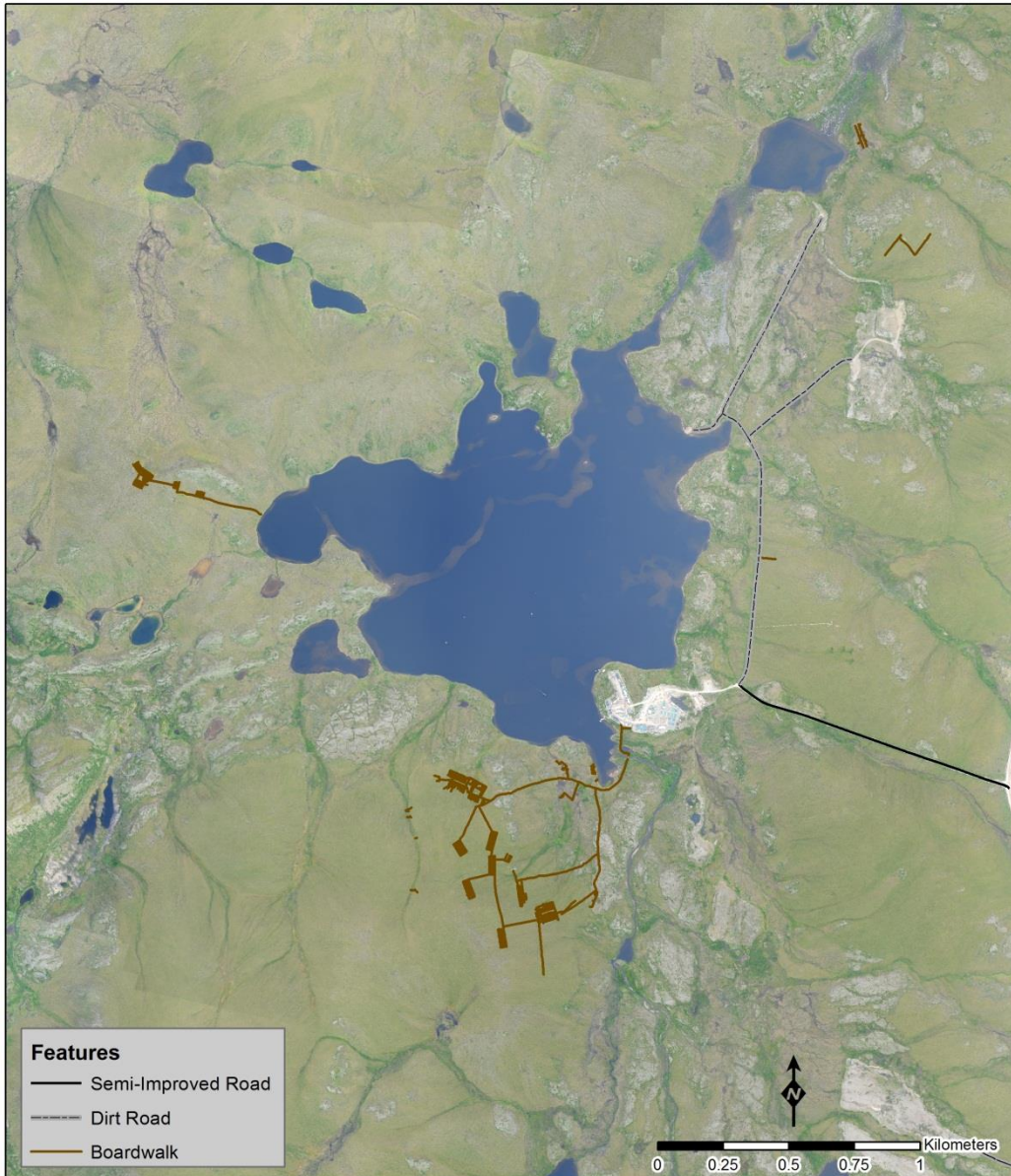
- How are researches accessing sites?
- Are there Access Corridors?



# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Toolik Intensive Management Area

Access Corridors



Access  
Corridors  
(AC)

Boardwalks  
Roads  
Airstrip

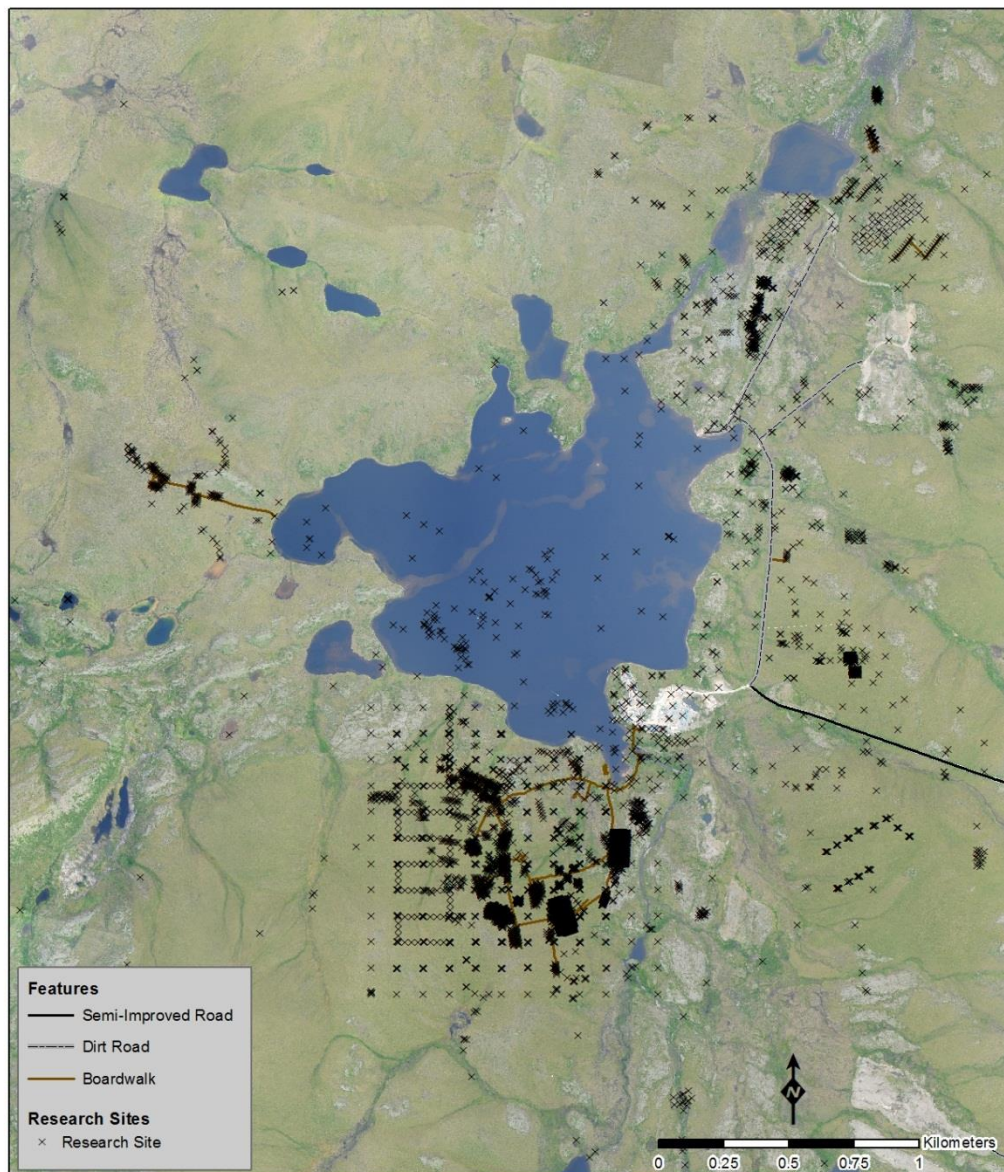
# Site Management

- Lets add research plots on the Access Corridors map.
- Research density should be highest near Access Corridors.

# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Toolik Intensive Management Area

Research Sites





# Site Management

- Looks like the Toolik IMA has areas of:  
High Site Density (HSD)  
Medium Site Density (MSD)  
Low Site Density (LSD)
- We need input from the TFS SC on refining HSD, MSD, and LSD.

# Site Management

- Is there a better way to plot sites. Black X shows location and density but what about adjacent conflicts?

# Site Management

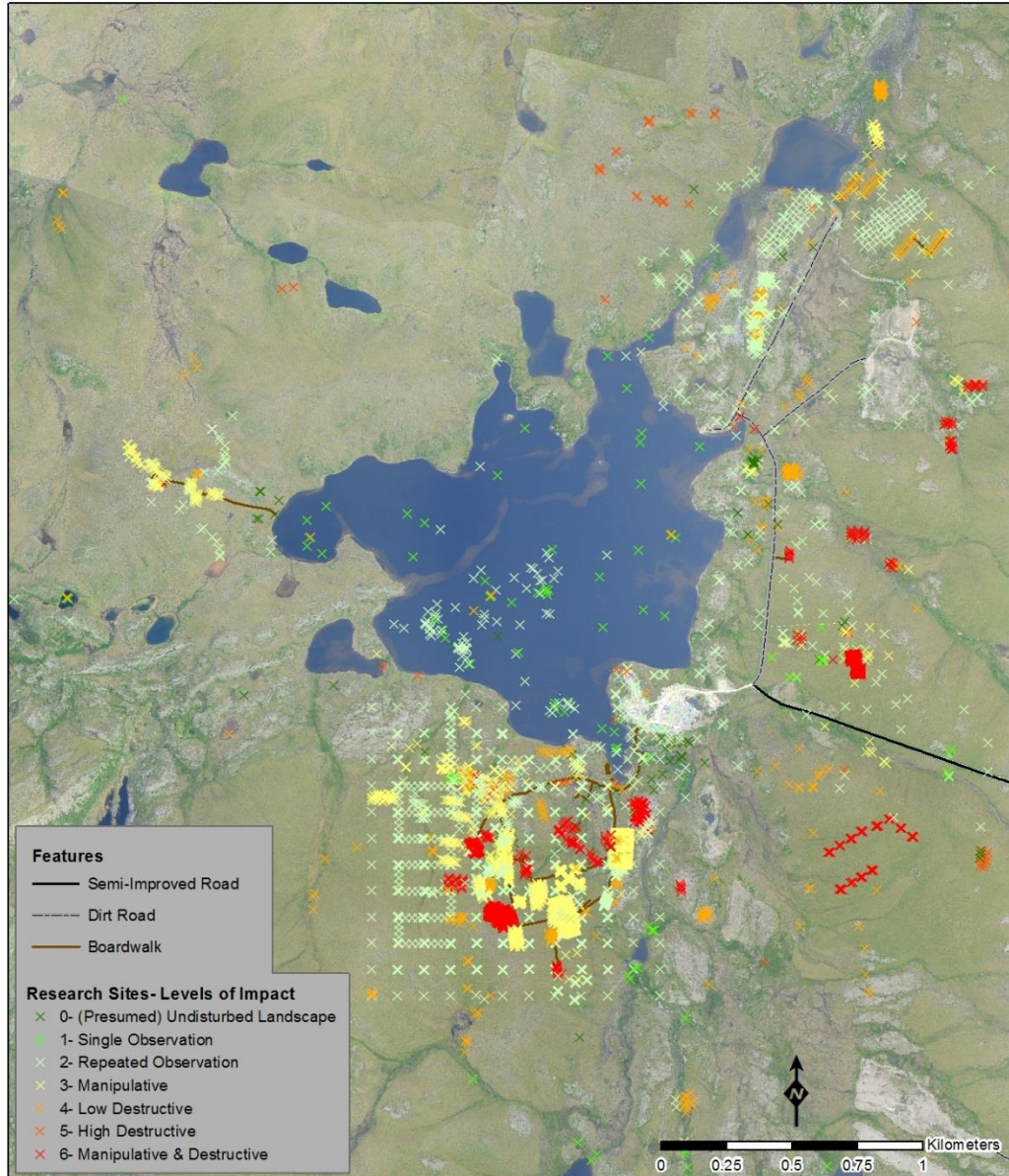
- Andrew Balser had designed a research site “Levels of Impact” matrix.
- Could we color code this matrix and plot instead of just using black?



# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Toolik Intensive Management Area

Research Sites



- Density & Possible Conflicts

# Site Management

- So based on the Density and Impacts colors , Toolik GIS staff have a better way of presenting sites.

# Site Management

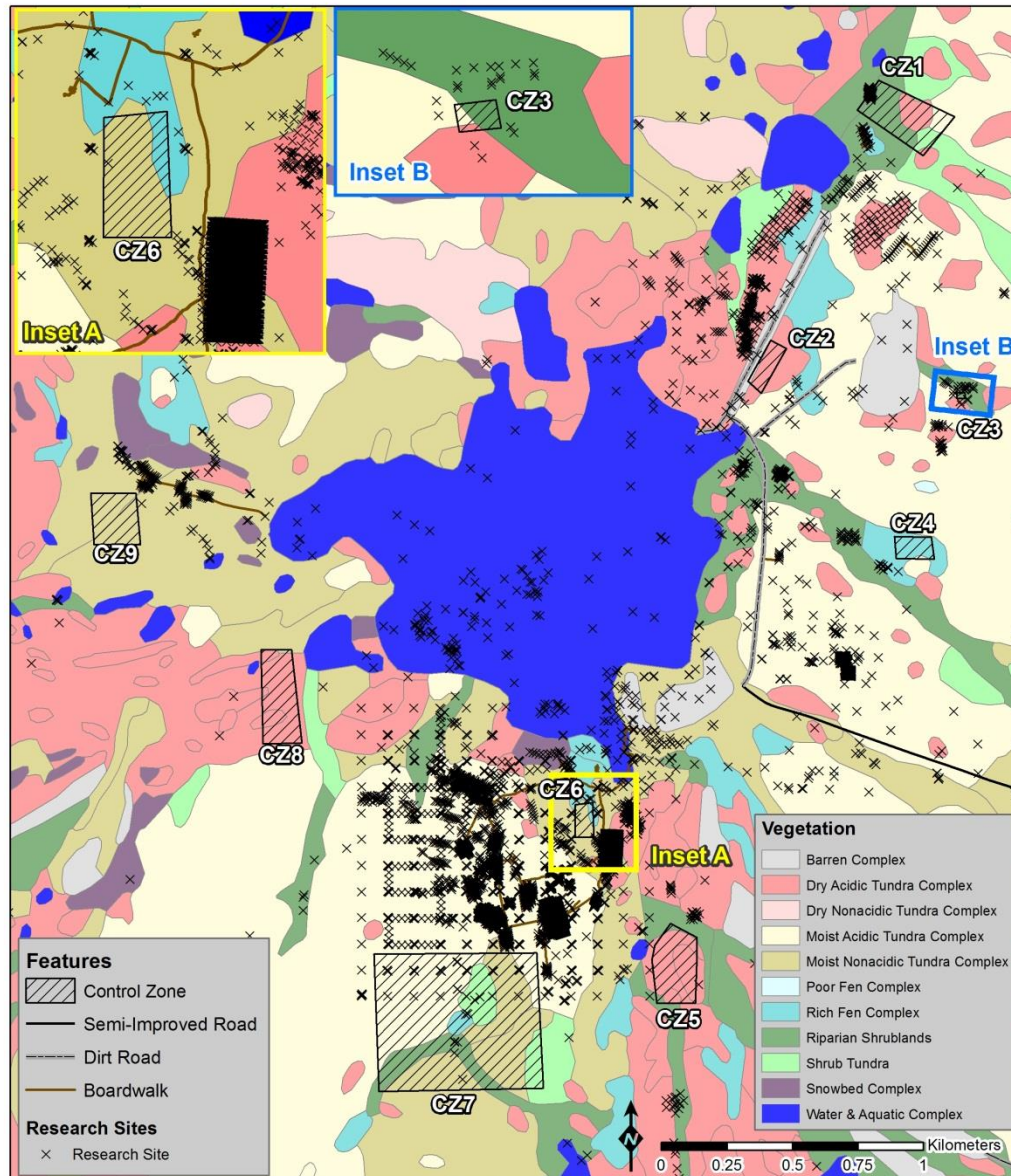
- Are there areas left in the toolik IMA that might be set aside as “control zones”?
- How would you approach this?



# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Toolik Intensive Management Area

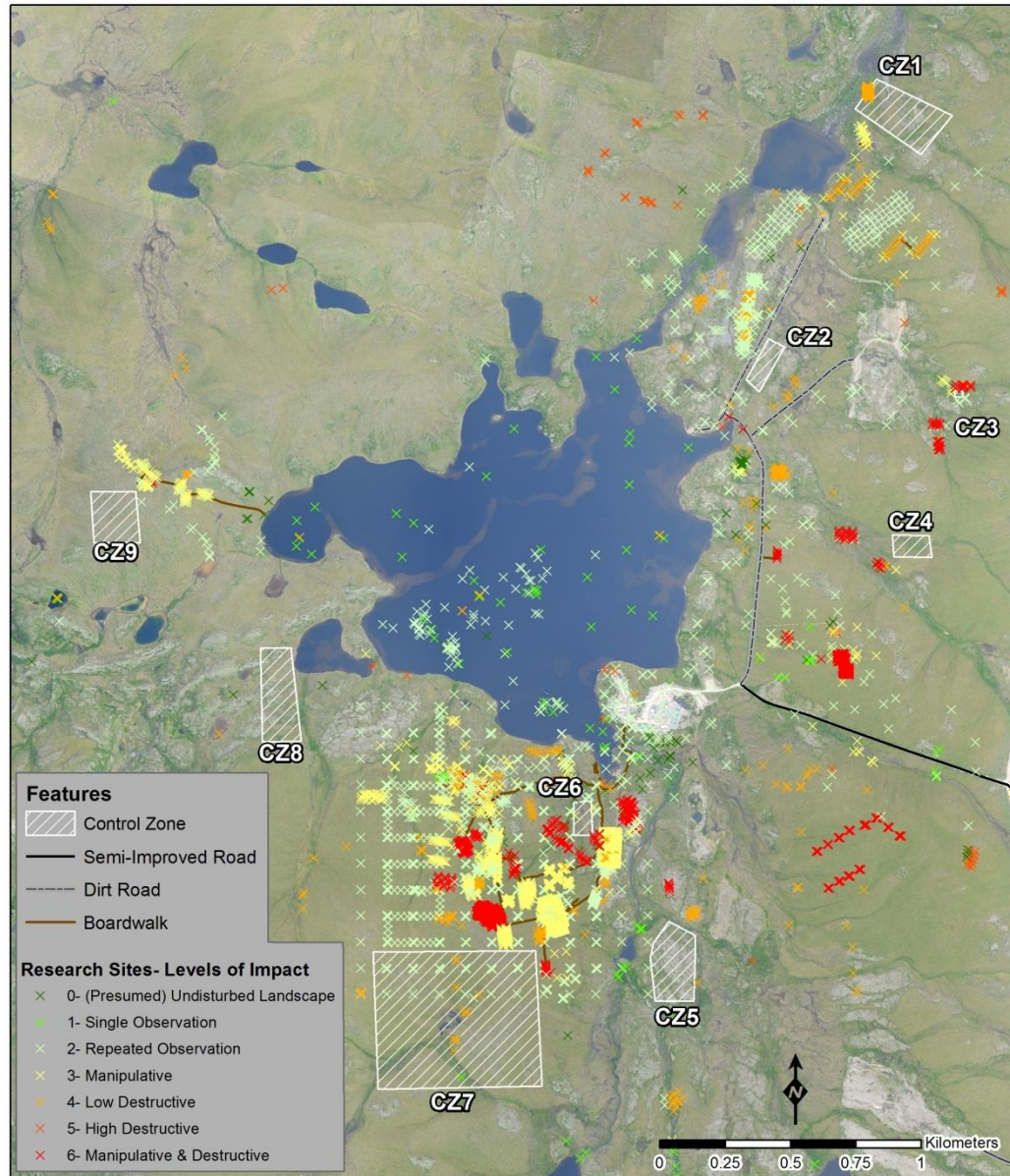
Research Plots



# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Toolik Intensive Management Area

Research Plots

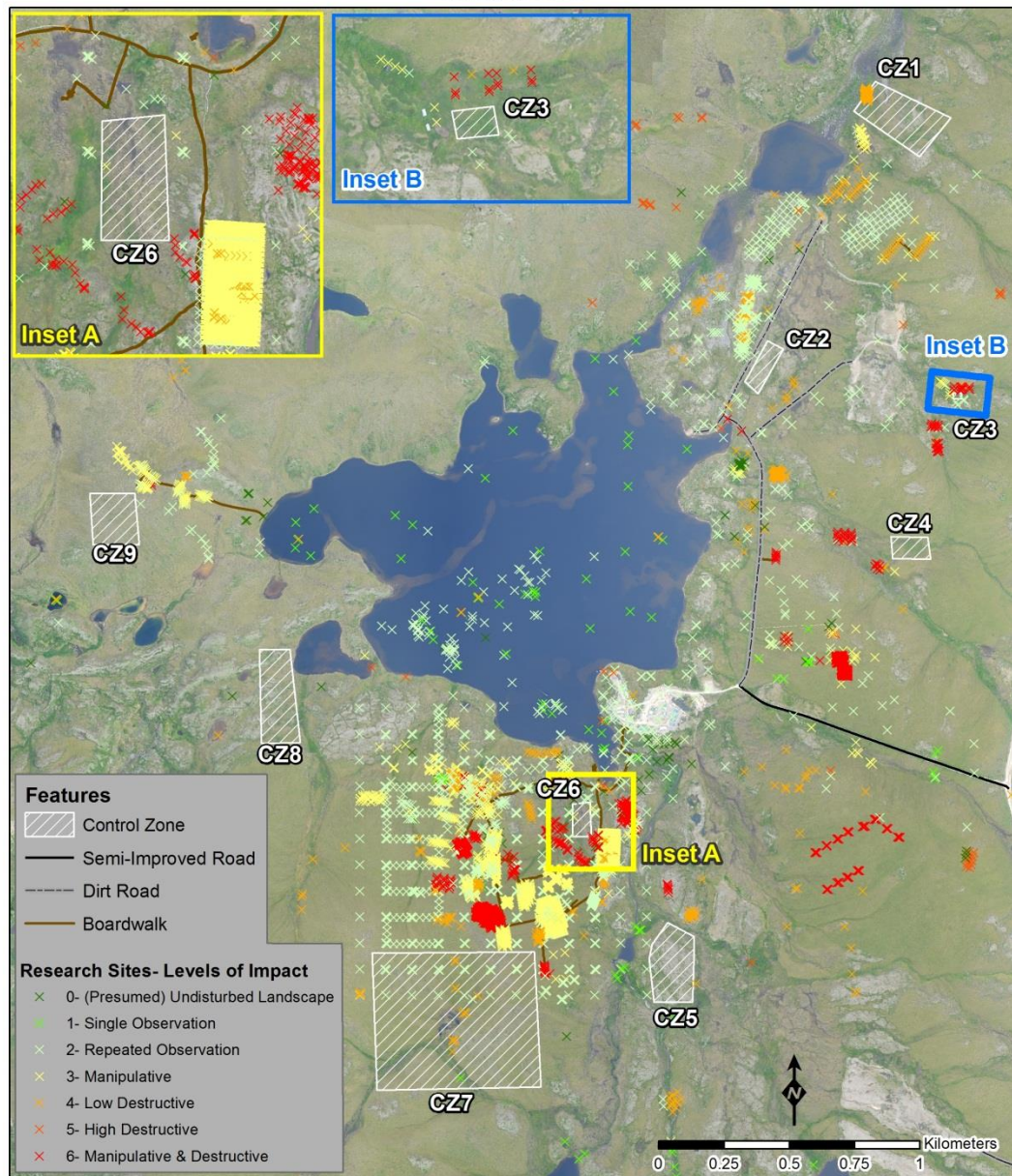




# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Toolik Intensive Management Area

Research Plots



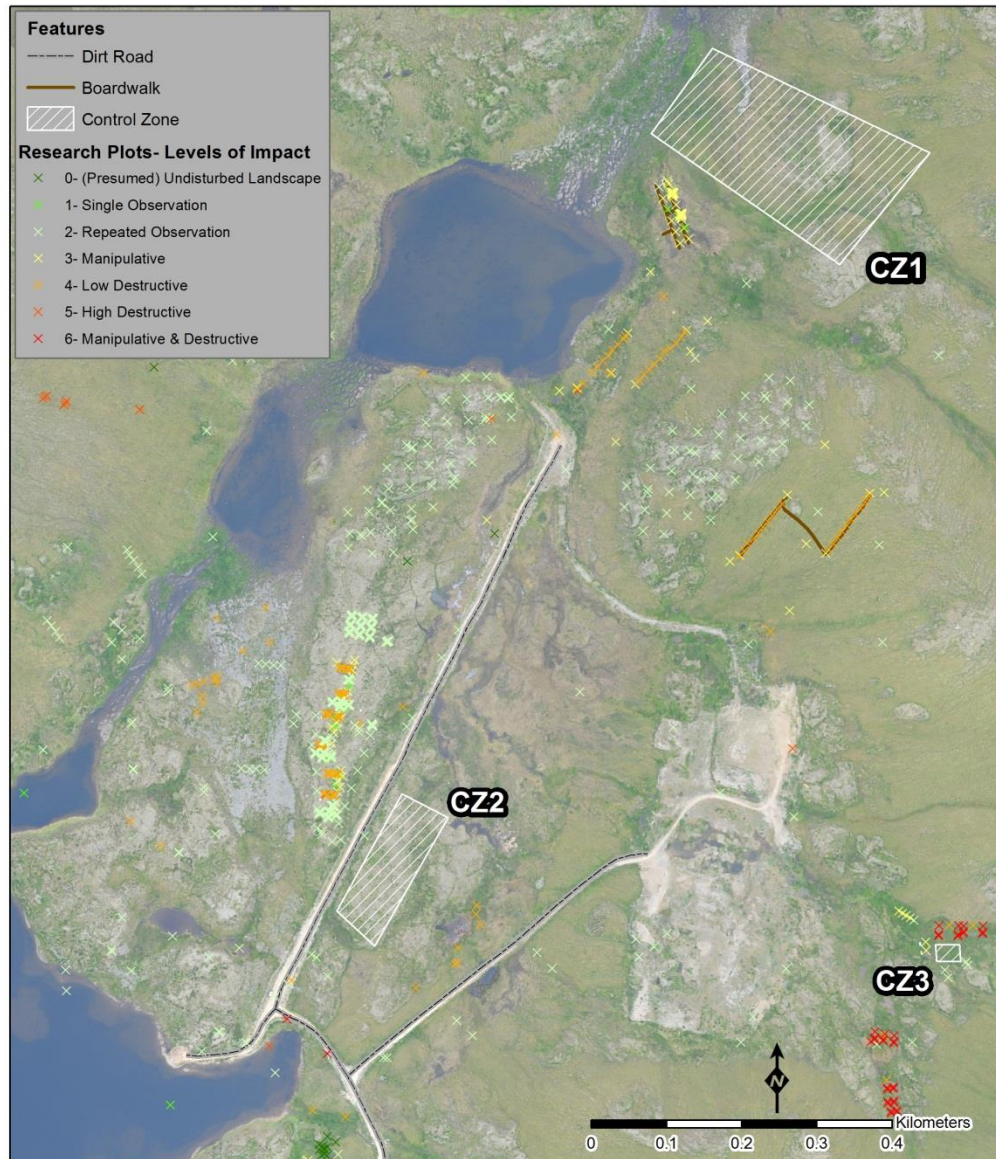
- Lets change the scale on corridors.



# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Toolik Intensive Management Area

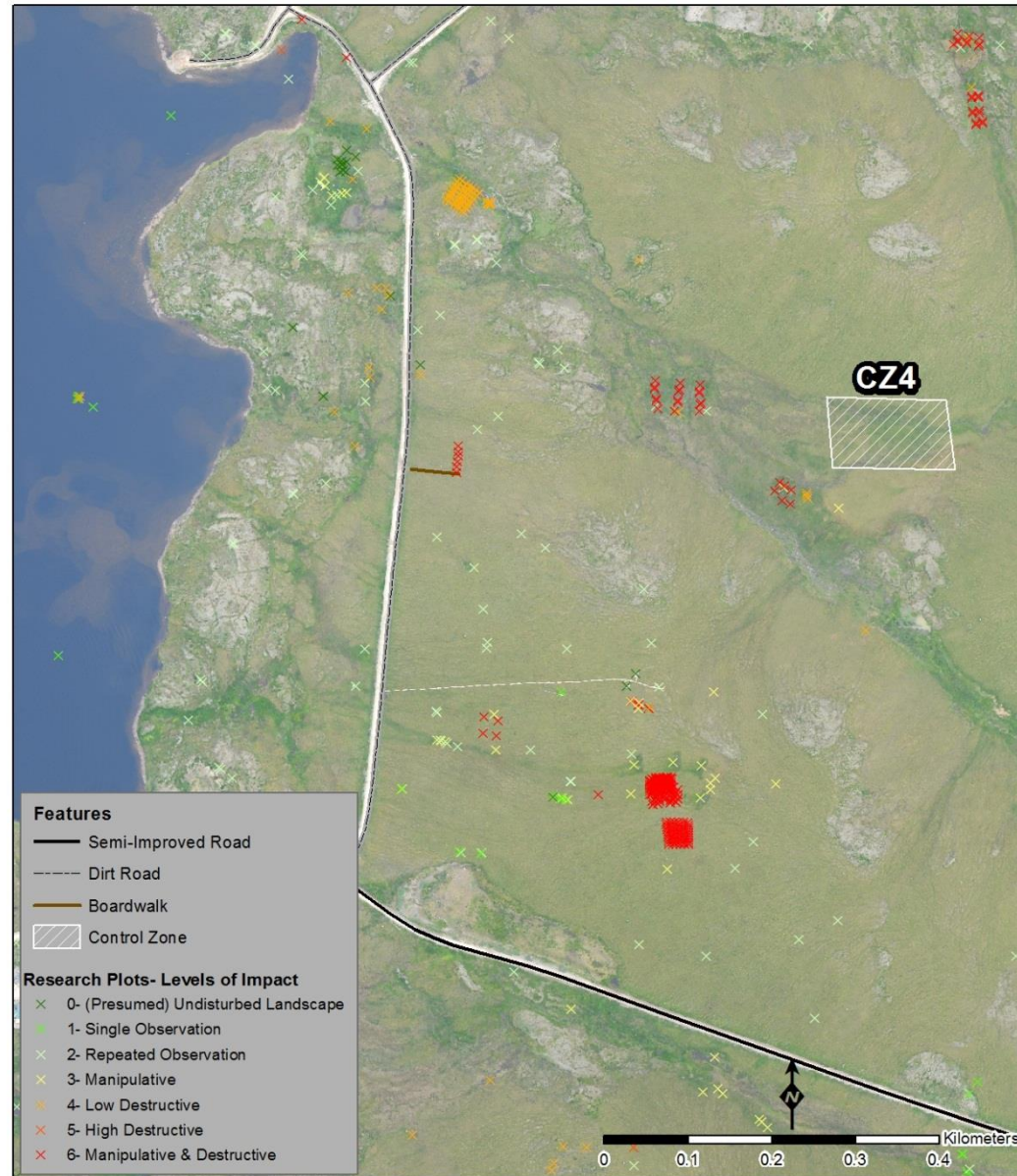
Access Corridor: Airstrip and Old Camp Roads



# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Toolik Intensive Management Area

Access Corridor: Access Road to Camp

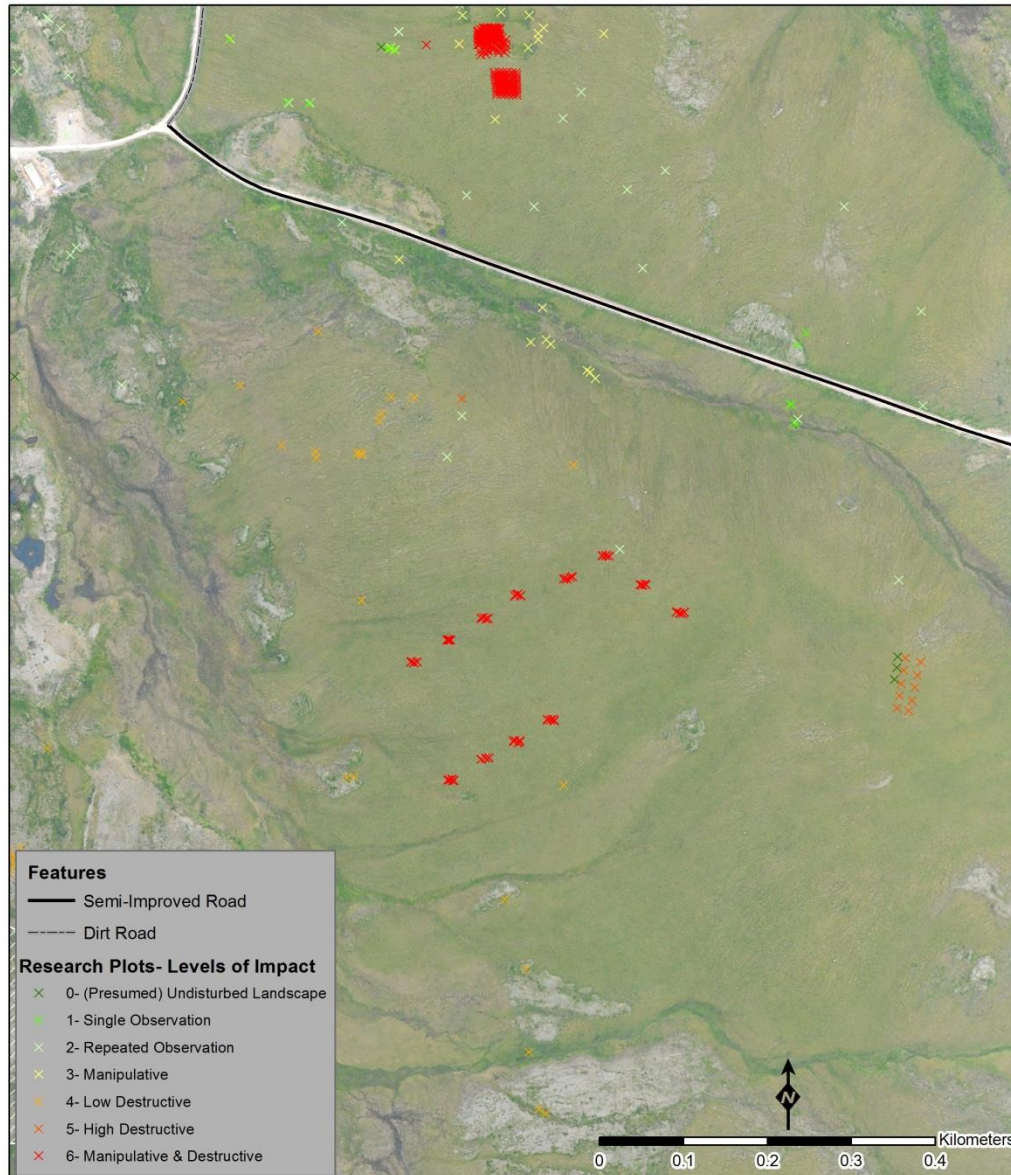




# TOOLIK RESEARCH SITE MANAGEMENT PLAN

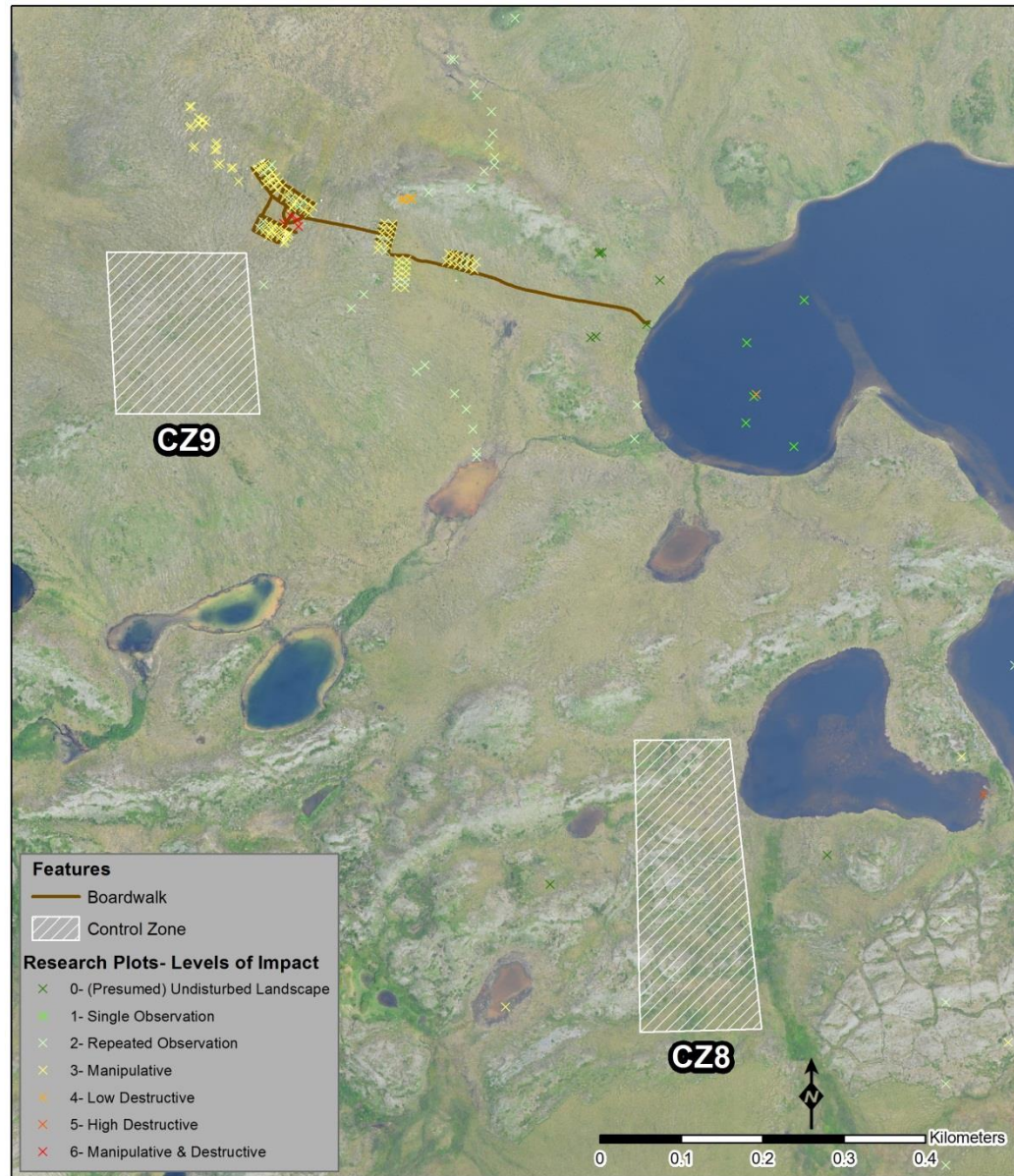
Toolik Intensive Management Area

Access Corridor: Access Road to Camp



# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Toolik Intensive Management Area  
Access Corridor: LTER Non-Acidic Tundra

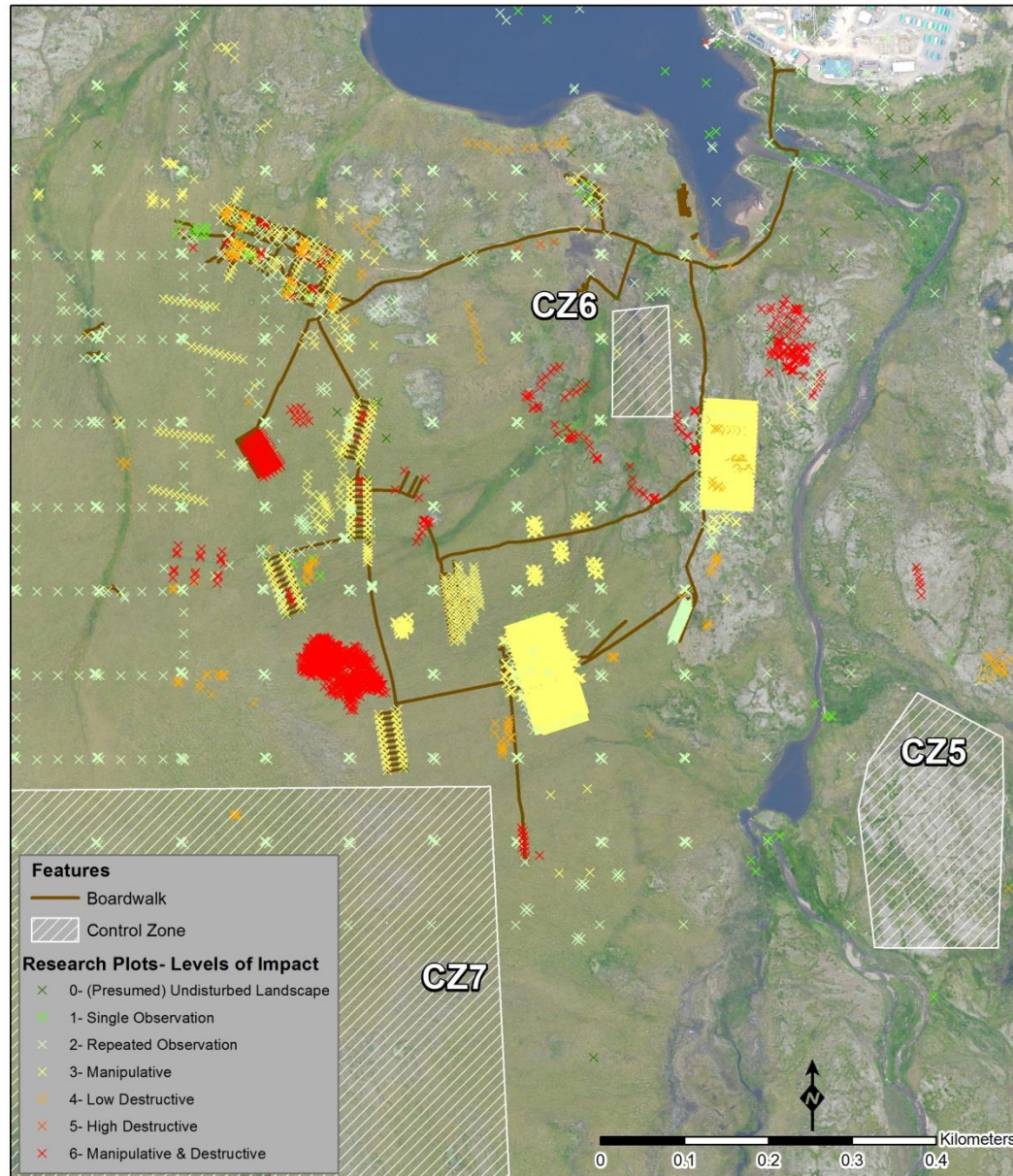




# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Toolik Intensive Management Area

Access Corridor: South Toolik Boardwalk



- We now have a better tool to present and manage the IMA.
- Lets take a quick look at Imnavait Creek IMA

**TOOLIK RESEARCH SITE MANAGEMENT PLAN**  
Imnavait Intensive Management Area



# Imnavait Creek IMA



**TOOLIK RESEARCH SITE MANAGEMENT PLAN**  
Imnavait Intensive Management Area  
Access Corridors



# Access Corridors



# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Innavait Intensive Management Area

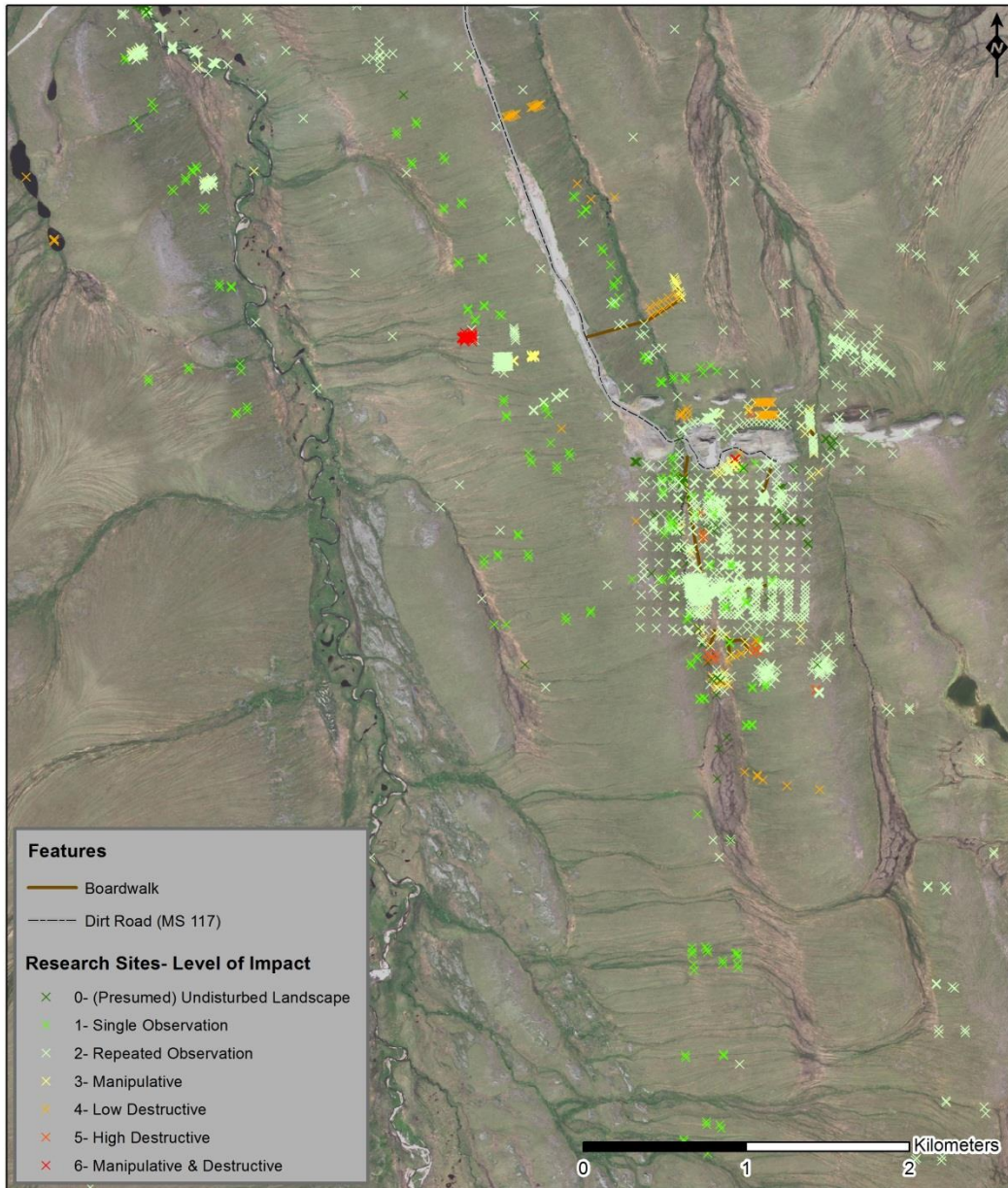
Research Sites



# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Imnavait Intensive Management Area

Research Sites



Site  
Density

Level of  
Impact

# Site Management

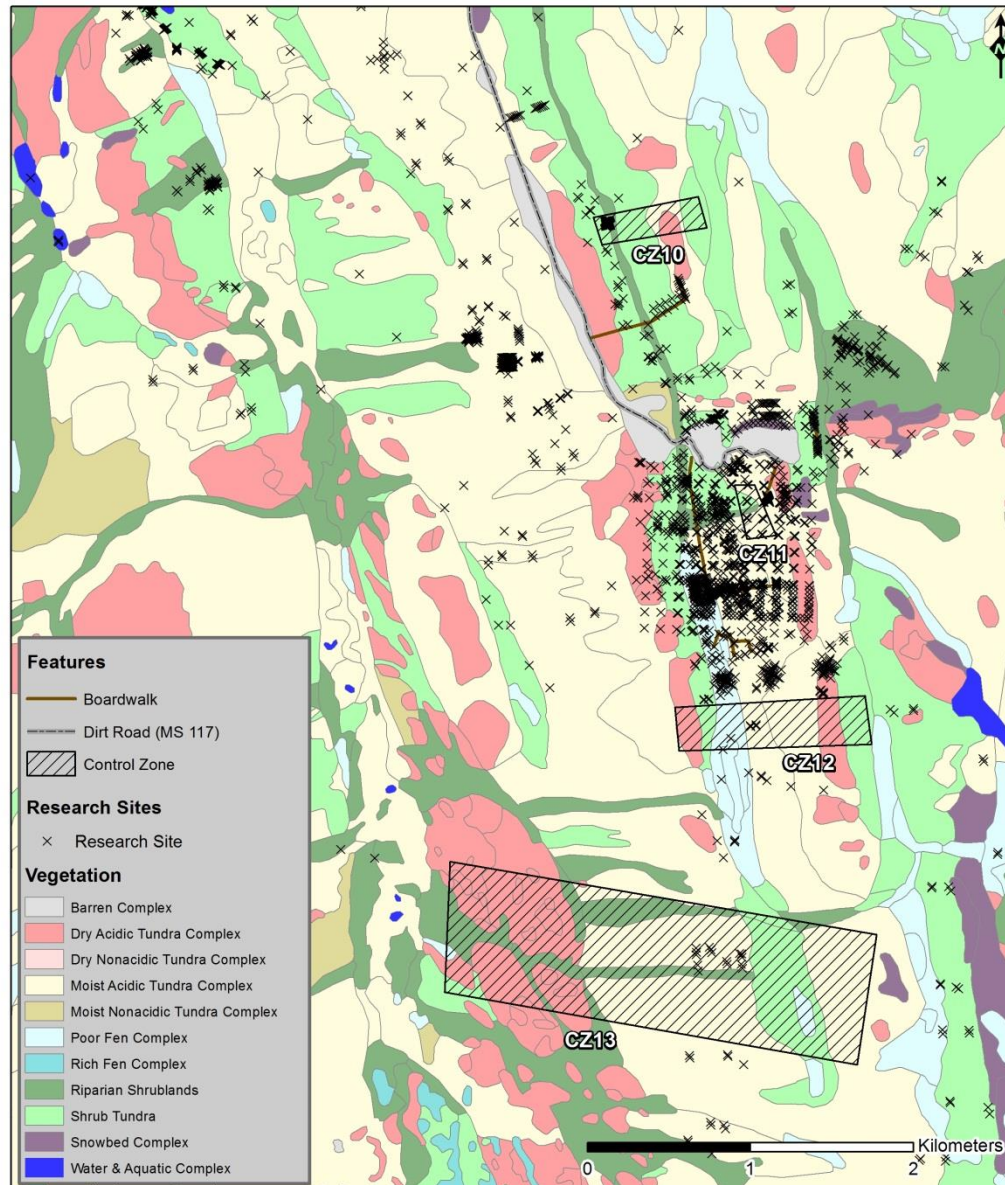
- Lets look at possible Control Zones (CZ)



# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Innavait Intensive Management Area

Research Sites

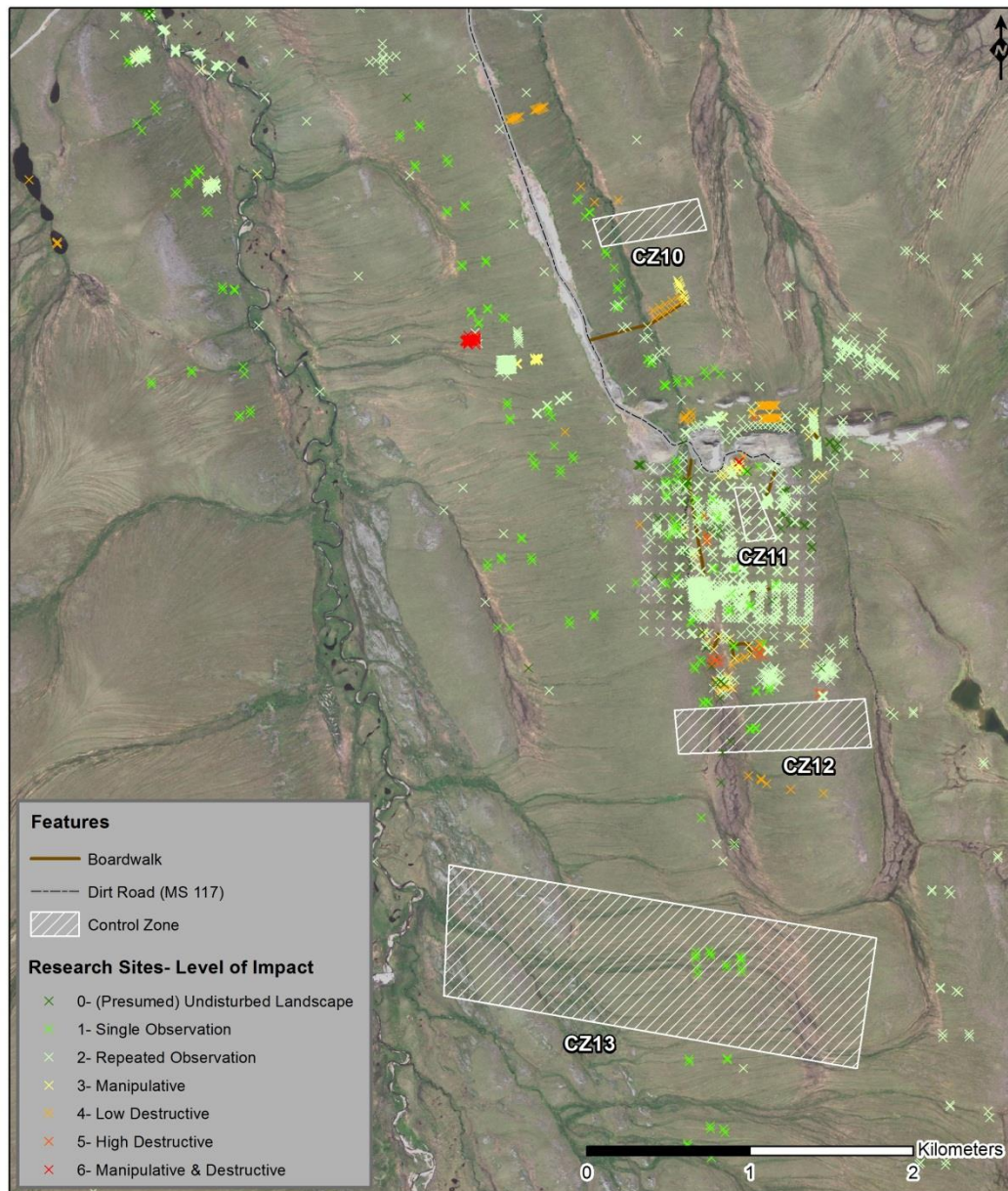




# TOOLIK RESEARCH SITE MANAGEMENT PLAN

Innavait Intensive Management Area

Research Sites



WOWZERS

COO

WDSLOAM

# SUMMARY

- Control Zones
- Refine the three levels of Density
- Develop how to use Density and Levels of Impact as a Management Tool.
- New Project Matrix: Consult, E-mails, Conf. call with SC.
- Next steps?