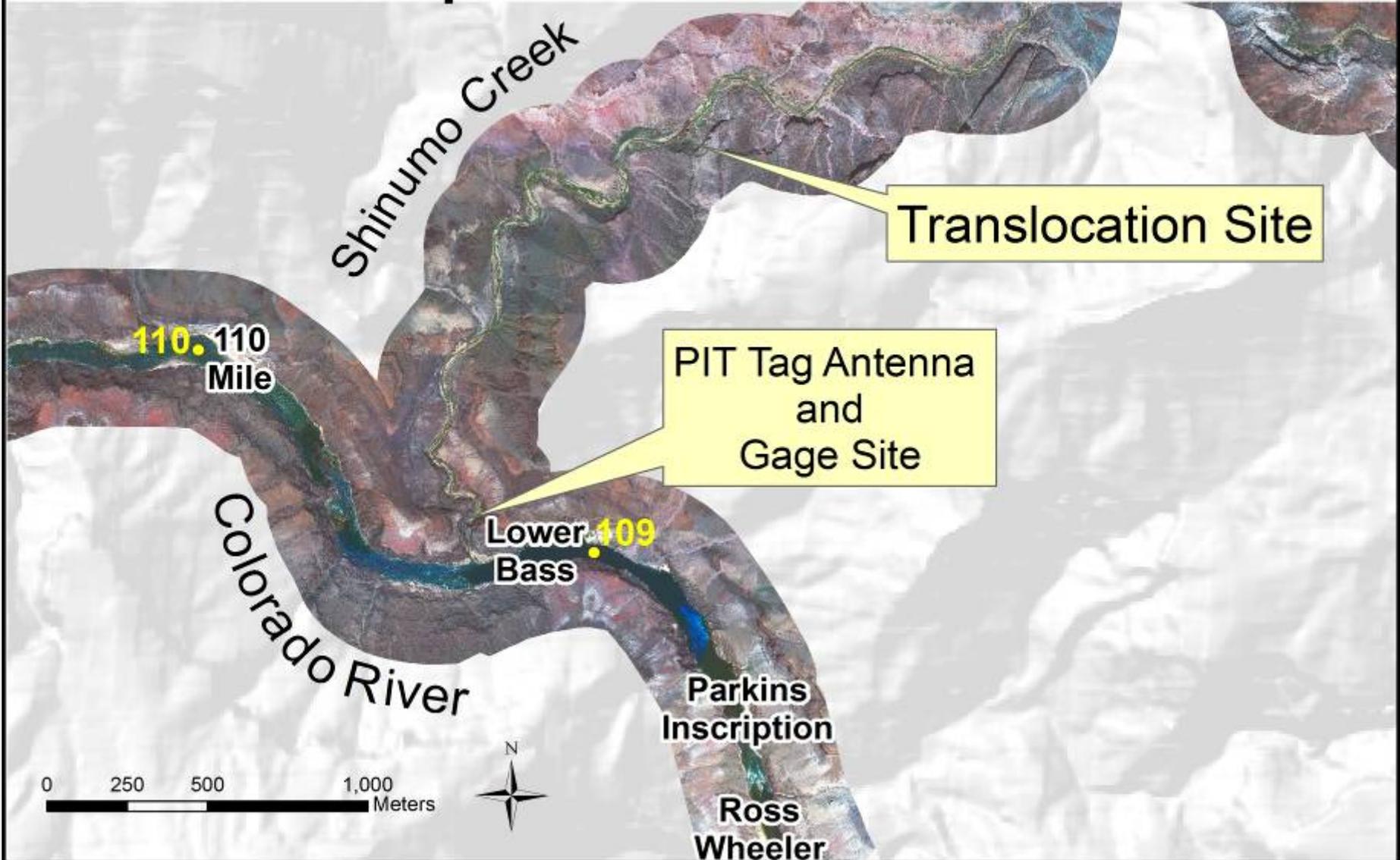


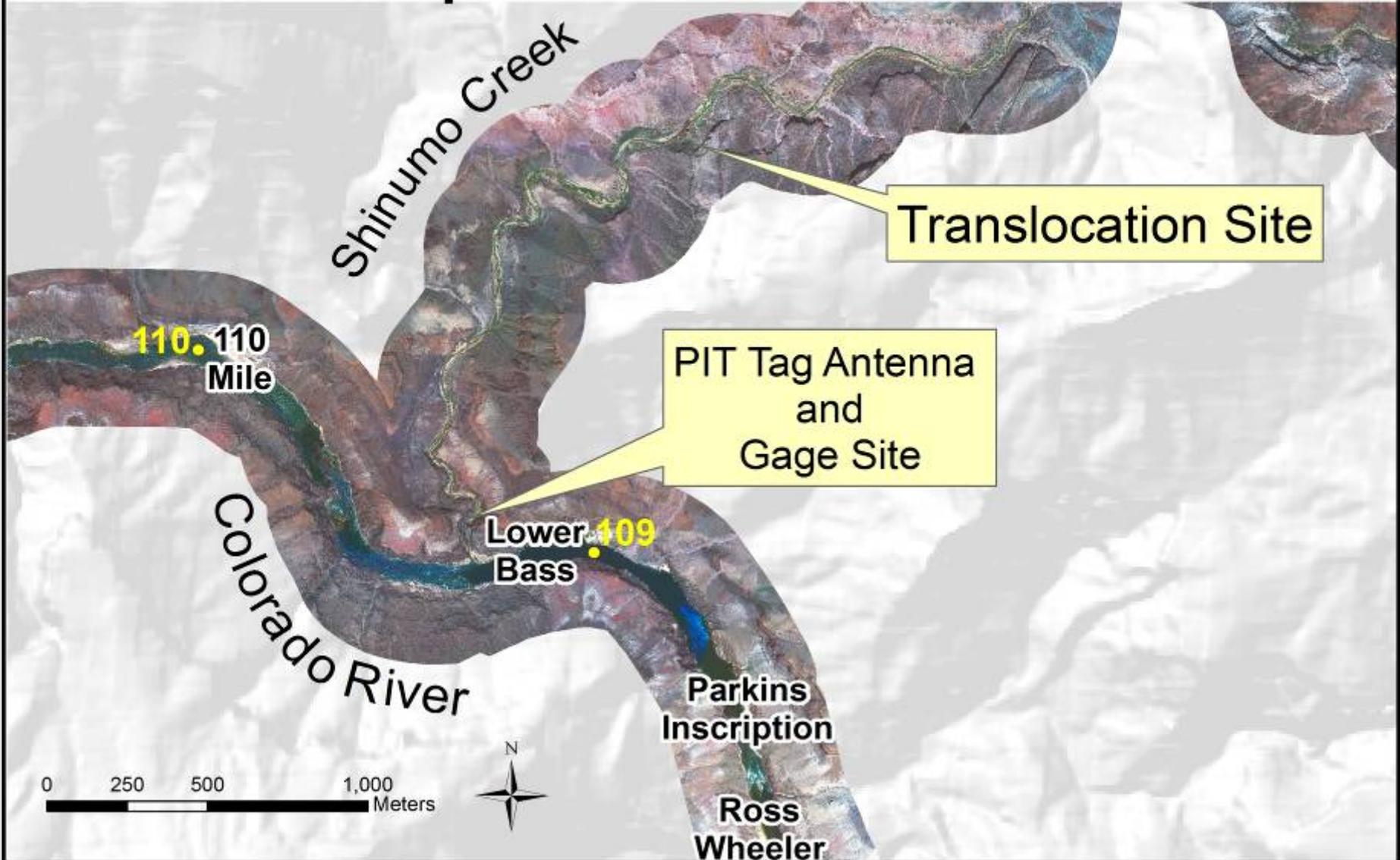


Shinumo Humpback Chub Translocation Site





Shinumo Humpback Chub Translocation Site





Shinumo HBC Translocation - 2008

- NPS Project Lead
- Cooperative Effort
 - among NPS, BOR, FWS, AGFD, GC Wildlands Council, volunteers
- 200 fish collected in July
 - Held for treatment at Bubbling Ponds Fish Research Center
 - To eliminate Asian tapeworm and *Lernea* parasites
- Additional 100 captured Sept 20-Sept 25th, 2008
- HBC smaller than expected by Oct (43-73mmTL)
 - Most too small to PIT tag with usual tags
- HBC held overwinter at Dexter to grow to PIT taggable size (>100 mmTL)





Shinumo HBC Translocation - 2009

- Most HBC grown to 180-185 range over winter at Dexter
 - very low mortality
 - Flow training
 - PIT tag in May by FWS
- Additional monitoring and analysis
 - PIT tag antenna
 - Stream gage





Shinumo HBC Translocation - 2009

Summer Field Schedule

- May 2009
 - Non-native removal
- June 2009
 - Monitoring equipment installation
 - Non-native removal
 - Translocation via helicopter
- July 2009
 - Monitoring Trip I
- Sept 2009
 - Monitoring Trip II





Shinumo Translocation – Future

- Evaluate results
- Convene workshop in Fall
- Collect additional fish from LCR in Summer/Fall for Dexter, Chute Falls & Shinumo
- Develop translocation framework/plan

