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| **Incident Name:**  Porphyry  ID-PAF-000495 | **IR Interpreter(s):**  Elise Bowne  elise.bowne@usda.gov | **Local Dispatch Phone:**  Payette Dispatch  208-634-2757 | **Interpreted Size:**  14,486 acres (in UTM11, NAD83)  **Growth last period:**  1561 acres since 9/16/2020 |
| **Flight Time:**  2108 MDT and 2215 MDT  **Flight Date:**  9/21/2020 | **Interpreter(s) location:**  Denver, CO  **Interpreter(s) Phone:**  cell/text 303-517-7510 | **GACC IR Liaison:**  Nate Yorgason  **GACC IR Liaison Phone:**  435-590-1107 | **National Coordinator:**  Jan Johnson  **National Coord. Phone:**  801-824-5440 |
| **Ordered By:**  Payette National Forest | **A Number:**  A-21 | **Aircraft/Scanner System:**  Tenax N350SM / TK-9 | **Pilots/Techs:**  Tech: Neubert |
| **IRIN Comments on imagery:**  Clear, was off a bit in some areas, good in others. Redo of pass 3 was much better and was used to redo the interp. | | **Weather at time of flight:**  Clear | **Flight Objective:**  Map heat perimeter and heat outside the perimeter |
| **Date and Time Imagery Received by Interpreter:**  9/21/2020 @ 2145 MDT, and 0430 MDT | | **Type of media for final product:**  Shapefiles, PDF Maps, KMZ, Interpreter’s Log  **Digital files sent to:** NIFC FTP  <https://ftp.nifc.gov/public/incident_specific_data/great_basin/2020_Incidents/2020_Porphyry/IR> | |
| **Date and Time Products Delivered to Incident:**  9/22/2020 @ 0530 MDT | |
| **Comments /notes on tonight’s mission and this interpretation:**  Initial perimeter was downloaded from [ftp.nifc.gov](ftp://ftp.nifc.gov) and was the last IR flight on 9/16/2020.  Where detected heat could be connected to the main perimeter, it was. There were a few isolated heat sources far enough from the main perimeter that they were mapped outside the perimeter tonight. Only a few very small areas of intense heat were mapped tonight, with the rest mapped as scattered and isolated. With the amount of time since the last IR flight, and the light fuels present in the burn scars from previous fires, there is a possibility that the actual fire perimeter is quite a bit different than the heat perimeter mapped tonight. Satellite imagery could be used to get a rough estimate.  Two isolated heat sources were marked on the map tonight with callout labels. The one that is closest to the heat perimeter at 45° 13.797’ N x 115° 16.277’ W is not a strong heat signature. It may or may not be associated with the fire, but was included because if it is residual heat, it could indicate that the perimeter extends to there or beyond.  The second isolated heat source may be a campfire, as it is just off of Trail 001 along Beaver Creek. It was mapped at 45° 11.775’ N x 115° 16.67’ W.  The northernmost strip of data was flown again at around 2215 MDT. That data was downloaded at 0430 and the interpretation of the northernmost part of the fire was re-interpreted.  Feedback or question? Please contact the interpreter with the contact info above. | | | |