

## Incident Status Summary (ICS-209)

Incident: **Mud Lick**

1. Incident Name: <b>Mud Lick</b>		2. Incident Number: <b>ID-SCF-021130</b>									
3. Report Version (check one box): Initial <input checked="" type="checkbox"/> Update Final	4. Incident Commander(s) & Agency or Organization: <b>ICT2 Sam Hicks GBT5</b>	5. Incident Management Organization: <b>Type 2 Team</b>	6. Incident Start Date/Time: Date: <b>07/08/2021</b> Time: <b>0821 MDT</b>								
7. Current Incident Size or Area Involved (use unit label – e.g., "Acres", "Square Miles"): <b>6641 Acres</b>	8a. Percent (%) Contained or Completed: <b>0 %</b>  b. Total Percentage (%) of Perimeter that will be Contained or Completed: <b>60 %</b>	9. Incident Type: <b>Wildfire</b> B. Incident Description: C. Cause: <b>Lightning/Natural</b> D. Fire Suppression Strategy:									
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Strategy</th> <th style="width: 50%;">Percent (%)</th> </tr> </thead> <tbody> <tr> <td><b>Monitor</b></td> <td></td> </tr> <tr> <td><b>Confine</b></td> <td style="text-align: center;"><b>40</b></td> </tr> <tr> <td><b>Point Zone Protection</b></td> <td></td> </tr> <tr> <td><b>Full Suppression</b></td> <td style="text-align: center;"><b>60</b></td> </tr> </tbody> </table>		Strategy	Percent (%)	<b>Monitor</b>		<b>Confine</b>	<b>40</b>	<b>Point Zone Protection</b>	
Strategy	Percent (%)										
<b>Monitor</b>											
<b>Confine</b>	<b>40</b>										
<b>Point Zone Protection</b>											
<b>Full Suppression</b>	<b>60</b>										
		10. Incident Complexity Level: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Complex	11. Report Time Period: From Date/Time: <b>07/14/2021 1800 MDT</b> To Date/Time: <b>07/15/2021 1800 MDT</b>								
12. Prepared By: Print Name: <b>Robbie Frisk</b>  Date/Time Prepared: <b>07/15/2021 1600 MDT</b>		13. Approved By: Print Name: <b>Sam Hicks</b>  Signature: .									
14. Date/Time Submitted: <b>07/15/2021 1918 MDT</b>		15. Primary Location, Organization, or Agency Sent To: <b>GBCC</b>									
16. State: <b>ID</b>	17. County / Parish / Borough: <b>Lemhi</b>	18. City: <b>Salmon</b>									
19. Unit or Other:	20. Incident Jurisdiction: <b>ID-SCF</b>	21. Incident Location Ownership (if different than jurisdiction): <b>ID-SCF</b>									
22. Latitude/Longitude: Latitude: <b>45° 11' 0"</b> Longitude: <b>114° 25' 14"</b>	23. US National Grid Reference: Grid Zone: x-Coordinate: y-Coordinate:	24. Legal Description: Principal Meridian: <b>Boise</b> Township: <b>21N</b> Range: <b>17E</b> Section: <b>1</b> 1/4 Sec: of 1/4 Sec:									
25. Short Location or Area Description (list all affected areas or a reference point): <b>23 miles west of Salmon, Idaho</b>			26. UTM Coordinates: Zone: Easting: Northing:								
27. Note any geospatial data available (indicate data format, content, and collection time information and labels): <b>All GIS data and products are available at: <a href="https://ftp.nifc.gov/public/incident_specific_data/great_basin/2021_Incidents/2021/MudLick/">https://ftp.nifc.gov/public/incident_specific_data/great_basin/2021_Incidents/2021/MudLick/</a></b>											
28. Observed Fire Behavior or Significant Events for the Time Period Reported (describe fire behavior using accepted terminology. For non-fire incidents, describe significant events related to the materials or other causal agents):  <b>Moderate Flanking</b>											

## Incident Status Summary (ICS-209)

Incident: **Mud Lick**

**Group Torching  
Short-range Spotting**

Narrative:  
**Moderate fire behavior along the eastern flank with creeping and occasional torching. Isolated pockets of low to moderate fire behavior along the northern and western perimeter. Scattered heat and low fire behavior along the southern perimeter.**

29. Primary Fuel Model, Materials, or Hazards Involved (hazardous chemicals, fuel types, infectious agents, radiation, etc):

**Timber (Litter and Understory)  
Short Grass (1 foot)**

Narrative:  
**Predominately ponderosa pine intermixed with douglas fir on north slopes. Grass and brush dominate south slopes. Timber regeneration stands. ERC at 97th percentile. 1000 hr fuels at 90th percentile.**

30. Damage Assessment Information (summarize damage and/or restriction of use or availability to residential or commercial property, natural resources, critical infrastructure and key resources, etc):

**Blackbird Mine is a superfund cleanup site with critical water treatment facilities protecting the Panther Creek watershed from potential environmental damage and re-contamination. The associated but separate nearby cobalt mine is the only active cobalt mine in the U.S. Structure assessment continues to identify and triage residential areas. Other values at risk include TEPC bull trout and sage grouse, wilderness, and an abundance of culturally significant areas and artifacts.**

A. Structural Summary	B. # Threatened (up to 72 hrs)	C. # Damaged	D. # Destroyed
E. Single Residences	<b>48</b>	<b>0</b>	<b>0</b>
F. Multiple Residences	<b>0</b>	<b>0</b>	<b>0</b>
G. Mixed Commercial / Residential	<b>2</b>	<b>0</b>	<b>0</b>
H. Nonresidential Commercial Property	<b>0</b>	<b>0</b>	<b>0</b>
I. Other Minor Structures	<b>0</b>	<b>0</b>	<b>0</b>

31. Public Status Summary:  
*C. Indicate the Number of Civilians (Public) Below:*

	Previous Report Total	A. # this Reporting Period	B. Total # to-date
D. Fatalities	<b>0</b>		<b>0</b>
E. With Injuries/Illness	<b>0</b>		<b>0</b>
F. Trapped/In Need of Rescue	<b>0</b>		<b>0</b>
G. Missing	<b>0</b>		<b>0</b>
H. Evacuated	<b>0</b>		<b>0</b>
I. Sheltering in Place	<b>0</b>		<b>0</b>
J. In Temporary Shelters	<b>0</b>		<b>0</b>
K. Have Received Mass Immunizations	<b>0</b>		<b>0</b>
L. Require Immunizations	<b>0</b>		<b>0</b>

32. Responder Status Summary:  
*C. Indicate the Number of Responders Below:*

	Previous Report Total	A. # this Reporting Period	B. Total # to-date
D. Fatalities	<b>0</b>		<b>0</b>
E. With Injuries/Illness	<b>1</b>	<b>0</b>	<b>1</b>
F. Trapped/In Need of Rescue	<b>0</b>		<b>0</b>
G. Missing	<b>0</b>		<b>0</b>
H. Evacuated	<b>0</b>		<b>0</b>
I. Sheltering in Place	<b>0</b>		<b>0</b>
J. In Temporary Shelters	<b>0</b>		<b>0</b>
K. Have Received Mass Immunizations	<b>0</b>		<b>0</b>
L. Require Immunizations	<b>0</b>		<b>0</b>

## Incident Status Summary (ICS-209)

Incident: **Mud Lick**

	Previous Report Total	A. # this Reporting Period	B. Total # to-date		Previous Report Total	A. # this Reporting Period	B. Total # to-date
M. In Quarantine	0		0	M. In Quarantine	0		0
<b>N. Total # Civilians (Public) Affected:</b>	<b>0</b>		<b>0</b>	<b>N. Total # Responders Affected:</b>	<b>1</b>	<b>0</b>	<b>1</b>

<p>33. Life, Safety, and Health Status/Threat Remarks:  <b>No change in public or responder status for this reporting period. Road closures have recently been put into effect within the fire area. Trail closures remain in effect.</b></p> <p><b>PREVIOUS:</b>  <b>32E. One minor non-injury accident. 32H. Disengagement and reassessment by fire resources previous to GBT5 mobilization.</b></p> <p>35. Weather Concerns (synopsis of current and predicted weather; discuss related factors that may cause concern):  <b>Isolated showers and thunderstorms possible in the afternoon and evening. Winds becoming gusty late in the day and early evening. RH near critical values. Haines of 6. High potential for large fire growth.</b></p>	<p>34. Life, Safety, and Health Threat Management:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 85%;"></th> <th style="width: 15%;">Active?</th> </tr> </thead> <tbody> <tr><td>A. No Likely Threat</td><td></td></tr> <tr><td>B. Potential Future Threat</td><td style="text-align: center;"><b>X</b></td></tr> <tr><td>C. Mass Notifications in Progress</td><td></td></tr> <tr><td>D. Mass Notifications Completed</td><td></td></tr> <tr><td>E. No Evacuation(s) Imminent</td><td></td></tr> <tr><td>F. Planning for Evacuation</td><td></td></tr> <tr><td>G. Planning for Shelter-in-Place</td><td></td></tr> <tr><td>H. Evacuation(s) in Progress</td><td></td></tr> <tr><td>I. Shelter-in-Place in Progress</td><td></td></tr> <tr><td>J. Repopulation in Progress</td><td></td></tr> <tr><td>K. Mass Immunization in Progress</td><td></td></tr> <tr><td>L. Mass Immunization Complete</td><td></td></tr> <tr><td>M. Quarantine in Progress</td><td></td></tr> <tr><td>N. Area Restriction in Effect</td><td></td></tr> <tr><td>O. Road Closure</td><td style="text-align: center;"><b>X</b></td></tr> <tr><td>P. Trail Closure</td><td style="text-align: center;"><b>X</b></td></tr> <tr><td>Q. Area Closure</td><td></td></tr> </tbody> </table>		Active?	A. No Likely Threat		B. Potential Future Threat	<b>X</b>	C. Mass Notifications in Progress		D. Mass Notifications Completed		E. No Evacuation(s) Imminent		F. Planning for Evacuation		G. Planning for Shelter-in-Place		H. Evacuation(s) in Progress		I. Shelter-in-Place in Progress		J. Repopulation in Progress		K. Mass Immunization in Progress		L. Mass Immunization Complete		M. Quarantine in Progress		N. Area Restriction in Effect		O. Road Closure	<b>X</b>	P. Trail Closure	<b>X</b>	Q. Area Closure	
	Active?																																				
A. No Likely Threat																																					
B. Potential Future Threat	<b>X</b>																																				
C. Mass Notifications in Progress																																					
D. Mass Notifications Completed																																					
E. No Evacuation(s) Imminent																																					
F. Planning for Evacuation																																					
G. Planning for Shelter-in-Place																																					
H. Evacuation(s) in Progress																																					
I. Shelter-in-Place in Progress																																					
J. Repopulation in Progress																																					
K. Mass Immunization in Progress																																					
L. Mass Immunization Complete																																					
M. Quarantine in Progress																																					
N. Area Restriction in Effect																																					
O. Road Closure	<b>X</b>																																				
P. Trail Closure	<b>X</b>																																				
Q. Area Closure																																					

36. Projected Incident Activity, Potential, Movement, Escalation, or Spread and influencing factors during the next operational period and in 12-, 24-, 48-, and 72-hour time frames:	
12 hours:	<b>Continued fire activity along the eastern flank within the South Fork Big Deer Creek. Fire spread to the south has the potential to begin impacting the Blackbird mine road at the junction of Big Deer Creek and the South Fork of Big Deer Creek. Isolated fire spread to the north.</b>
24 hours:	<b>Continued growth mainly on the south and east flanks. Some growth on the north flank. Potential for fire progression south towards Blackbird mountain, north towards Deadhorse and Indian Creeks, and backing southeast towards Panther Creek drainage. Potential for fire to reach Blackbird Mountain to the south and forest road 1033.</b>
48 hours:	<b>If increased fire behavior continues in South Fork Big Deer Creek then the threat remains for negative impacts to Blackbird mine operations and water treatment facilities and Cobalt mine. Any fire progression to the east will negatively impact residential areas within the Panther Creek corridor, public infrastructure, and mine infrastructure. Threat remains to TEPC bull trout and sage grouse, wilderness, and an abundance of culturally significant areas and artifacts.</b>
72 hours:	<b>-Same As Above-</b>
Anticipated after 72 hours: <b>-Same As Above-</b>	

## Incident Status Summary (ICS-209)

Incident: **Mud Lick**

<p>37. Strategic Objectives (define planned end-state for incident):  <b>Keep the fire:</b>  <b>--north of Fourth of July Creek and Yellow Jacket Guard Station</b>  <b>--south of the Salmon River</b>  <b>--west of the Panther Creek Road and adjacent private land</b>  <b>--east of Clear Creek Trail and Bighorn Crags</b></p>	
<p>38. Current Incident Threat Summary and Risk Information in 12-, 24-, 48-, and 72-hour timeframes and beyond. Summarize primary incident threats to life, property, communities and community stability, residences, health care facilities, other critical infrastructure and key resources, commercial facilities, natural and environmental resources, cultural resources, and continuity of operations and/or business. Identify corresponding incident-related potential economic or cascading impacts:</p>	
12 hours:	<p><b>Increased threat to the south-southeast high value assets of Blackbird mine superfund site and nearby sole cobalt mine in the U.S. threatening socioeconomic stability, power infrastructure, water quality and watershed health, and inventoried cultural resources. Increased fire behavior along the eastern flank of the fire. Continued fire spread towards Panther Creek threatens private land, residences, outbuildings, and sensitive plant and animal species. Multiple trails have been closed due to concerns for human health and safety.</b></p>
24 hours:	<p><b>Southeast movement will impact both the Blackbird mine superfund site and Idaho Cobalt mine due to the close proximity of the mine to the fire's edge. High fire behavior would be detrimental to mine infrastructure and extensive water reclamation infrastructure resulting in suspension of mine operations and watershed instability and potential re-contamination. Fire spread to the east will begin impacting residential areas and access along Panther Creek. Spread to the north will begin to impact the Clear Creek drainage, the location of a high use recreation area. Spread further west will begin to impact high use recreation areas of the Bighorn Crags and Middle Fork of the Salmon River.</b></p>
48 hours:	<p><b>Fire will have reached Blackbird and Idaho Cobalt mines. High potential for negative impacts to these locations. Fire spread to the east will have begun to impact residential areas within Panther Creek. North and west fire progression will potentially restrict long term public use of the area and associated socioeconomic stability to the local community of Salmon. Further fire advancement to the north or west will also impact the socioeconomics associated with the Middle Fork of the Salmon River, a high value whitewater recreation destination providing economic stability to many surrounding communities.</b></p>
72 hours:	<p><b>Cumulative impacts to county, state, and federal lands that contribute to the national mining industry, human health and safety, and economic stability to the region.</b></p>
<p>Anticipated after 72 hours: <b>Continued cascading effects from 72 hours.</b></p>	
<p>39. Critical Resource Needs in 12-, 24-, 48-, and 72-hour timeframes and beyond to meet critical incident objectives. List resource category, kind, and/or type, and amount needed, in priority order:</p>	
12 hours:	<p><b>6 HECM</b>  <b>1 ABRO</b>  <b>1 ASGS</b>  <b>1 AOB</b>  <b>1 AOB</b>  <b>2 HMGB</b>  <b>4 REAF</b>  <b>1 COML</b>  <b>1 SOPL</b>  <b>1 ORDM</b>  <b>1 COMT</b></p>
24 hours:	<p><b>6 HECM</b>  <b>1 ABRO</b>  <b>1 ASGS</b></p>

## Incident Status Summary (ICS-209)

Incident: **Mud Lick**

	<p><b>1 AOBD</b>  <b>2 HMGB</b>  <b>4 REAF</b>  <b>1 COML</b>  <b>1 SOPL</b>  <b>1 ORDM</b>  <b>1 COMT</b></p>
48 hours:	<p><b>6 HECM</b>  <b>1 ABRO</b>  <b>1 ASGS</b>  <b>1 AOBD</b>  <b>2 HMGB</b>  <b>4 REAF</b>  <b>1 COML</b>  <b>1 SOPL</b>  <b>1 ORDM</b>  <b>1 COMT</b></p>
72 hours:	<p><b>6 HECM</b>  <b>1 ABRO</b>  <b>1 ASGS</b>  <b>1 AOBD</b>  <b>2 HMGB</b>  <b>4 REAF</b>  <b>1 COML</b>  <b>1 SOPL</b>  <b>1 ORDM</b>  <b>1 COMT</b></p>
Anticipated after 72 hours:	<p><b>6 HECM</b>  <b>1 ABRO</b>  <b>1 ASGS</b>  <b>1 AOBD</b>  <b>2 HMGB</b>  <b>4 REAF</b>  <b>1 COML</b>  <b>1 SOPL</b>  <b>1 ORDM</b>  <b>1 COMT</b></p>

40. Strategic Discussion: Explain the relation of overall strategy, constraints, and current available information to:

- 1) critical resource needs identified above,
- 2) the Incident Action Plan and management objectives and targets,
- 3) anticipated results.

Explain major problems and concerns such as operational challenges, incident management problems, and social, political, economic, or environmental concerns or impacts.

**In alignment with the Salmon Challis Forest Plan and WFDSS direction for the Mud Lick Fire, implement a modified suppression strategy to meet incident objectives. Current Critical Resource Needs are necessary to meet incident objectives and fulfill the Delegation of Authority.**

41. Planned Actions for Next Operational Period:

**Resources will continue to perform suppression activity along the north, east, and south flanks when conditions allow and fire behavior dictates. A heavy equipment task force has started preparatory operations along existing roads extending to the east of the fire to protect homes within Panther Creek and will continue for the next several shifts. Structure assessment will advance further along Panther**

## Incident Status Summary (ICS-209)

Incident: **Mud Lick**

**Creek and to include Yellowjacket Guard Station on the southern flank of the fire. Water delivery infrastructure installation will expand to the south extending further south along the Panther Creek corridor.**

42. Projected Final Incident Size/Area (use unit label – e.g., "Acres", "Square Miles"):

43. Anticipated Incident Containment or Completion Date: **08/31/2021**

44. Projected Significant Resource Demobilization Start Date:

45. Estimated Incident Costs to Date: **\$2,500,000.00**

46. Projected Final Incident Cost Estimate:

47. Remarks (or continuation of any blocks above – list block number in notation):

49. Resources (summarize resources by category, kind, and/or type; show # of resources on top 1/2 of box, show # of personnel associated with resource on bottom 1/2 of box):

48. Agency or Org		CR1	CR2IA	CRC	HEL1	HEL2	HEL3	ENG3	ENG4	ENG5	ENG6	FWRE	WTDS	50. Ovhd	51. Tot Pers
<b>BIA</b>	Rsrc	0	0	2	0	0	0	0	0	0	0	0	0		
	Pers	0	0	20	0	0	0	0	0	0	0	0	0	2	22
<b>BLM</b>	Rsrc	0	0	0	0	0	0	0	0	0	1	0	0		
	Pers	0	0	0	0	0	0	0	0	0	4	0	0	36	40
<b>FS</b>	Rsrc	4	3	0	3	1	1	0	1	0	0	1	0		
	Pers	84	59	0	3	4	4	0	8	0	0	1	0	55	218
<b>FWS</b>	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	0	1	1
<b>NPS</b>	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	0	2	2
<b>NWS</b>	Rsrc	0	0	0	0	0	0	0	0	0	0	0	0		
	Pers	0	0	0	0	0	0	0	0	0	0	0	0	2	2
<b>PRI</b>	Rsrc	0	1	0	0	0	1	1	3	2	3	0	4		
	Pers	0	20	0	0	0	2	4	10	7	10	0	4	0	57
<b>ST</b>	Rsrc	1	0	0	0	0	0	2	1	0	1	0	1		
	Pers	20	0	0	0	0	0	7	4	0	2	0	1	16	50
<b>52. Total Resources</b>		5	4	2	3	1	2	3	5	2	5	1	5		392

53. Additional Cooperating and Assisting Organizations Not Listed Above: