

BLM Heritage Program Annual Report for FY 2020

Major 2020 Highlights from Alaska

Summary list of the 10 Highlighted Projects

- #1 Eastern Interior Field Office Archaeological Survey & Testing – 2020
- #2 University of Alaska Museum of the North, Archaeology & Earth Sciences Departments’
BLM Collections
- #3 2020 NPR-A Survey
- #4 Section 110 Survey at Galbraith Lake, Alaska
- #5 Annual CRDP Meeting
- #6 Protocols to Document Culturally Significance Places for Incident Response
- #7 Archaeology Day – Anchorage Field Office
- #8 Agents of Discovery Cultural Resource Missions
- #9 PLO 5150 Proactive Surveys
- #10 Denali Post Office

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

1. <i>Project title:</i>	Eastern Interior Field Office Archaeological Survey & Testing – 2020
2. <i>Field or district:</i>	Eastern Interior Field Office
3. <i>Org. code:</i>	LLAKF0200
4. <i>Department of the Interior Priority (2020)¹:</i>	<input checked="" type="checkbox"/> 1. Create a conservation stewardship legacy second only to Teddy Roosevelt. <input type="checkbox"/> 2. Sustainably develop our energy and natural resources. <input type="checkbox"/> 3. Restore trust and be a good neighbor. <input type="checkbox"/> 4. Ensure tribal sovereignty means something. <input type="checkbox"/> 5. Increase revenues to support the Department and national interests. <input type="checkbox"/> 6. Protect our people and the border. <input type="checkbox"/> 7. Strike a regulatory balance. <input type="checkbox"/> 8. Modernize our infrastructure. <input type="checkbox"/> 9. Reorganize the Department for the next 100 years. <input type="checkbox"/> 10. Achieve our goals and lead our team forward.
5. <i>Theme²:</i>	<input type="checkbox"/> CRDP/NCRIMS <input type="checkbox"/> Field School <input type="checkbox"/> Museum Property Management <input type="checkbox"/> NAGPRA <input type="checkbox"/> NHPA Section 106 Project <input checked="" type="checkbox"/> NHPA Section 110 Inventory/Survey <input checked="" type="checkbox"/> NHPA Section 110 Data Recovery <input type="checkbox"/> NRHP Nomination <input type="checkbox"/> Outreach, Interpretation, Education <input type="checkbox"/> Paleontology <input checked="" type="checkbox"/> Research <input type="checkbox"/> Restoration/Stabilization <input type="checkbox"/> Tribal Consultation and Coordination <input type="checkbox"/> Other

¹ Check all that apply.

² Check all that apply.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

<p>6. <i>Project summary:</i></p>	<p>Eastern Interior Field Office archaeologist Robin Mills organized three proactive, cultural resources surveys this year along Birch Creek Wild River (BWR), and two portions of the Fortymile River Wild & Scenic River (FWSR), primarily via river rafts. The crew members included BLM archaeologists (EIFO archaeologist Robin Mills and Central Yukon FO archaeologist Crystal Glassburn), as well as BLM seasonal archaeology technicians, and volunteer archaeologists affiliated with the University of Alaska Museum of the North, in Fairbanks Alaska. This was the sixth year that BLM and UAMN have partnered to survey intensively together in the EIFO. The BLM manages 100s of thousands of acres of land inside the 350 river mile FWSR corridor, and 110 river mile BWR corridor. The surveys in 2020 took place along various drainages, including Birch Creek, the Middle & North Forks of the Fortymile River, and Dennison Fork, Ingle Creek, and Walker Fork, all tributaries of the Fortymile River.</p> <p>Along with surveying for new sites, a major focus this year was testing known prehistoric sites in order to obtain organic material for radiocarbon dating, to date significant sites in these areas. 100s of shovel tests and 50 x 50 cm test units were excavated, resulting in 370 acres surveyed (BC), 11 known sites monitored (MY), and 20 new sites discovered (FD), all but one of them prehistoric sites. Also, detailed archaeological excavation at 17 previously identified prehistoric sites (FD) was undertaken to obtain organic material to date the sites. We were largely successful in obtaining such material, and 13 samples from 13 sites have been submitted for dating at this time.</p> <p>This project was not linked to a separately funded BPSS project, but used 1050 funds allocated to the EIFO for maintaining the cultural program, as well as funding obtained from BLM-HQ NLCS Science Initiatives, for which assistance agreements between the BLM and UAMN had to be created. BLM 1050 funds expended include per diem & OT (\$5,000), and the two BLM NLCS Science Initiative fundings totaled \$50,000.</p>
<p>7. <i>BPSS project number:</i></p>	<p>none</p>
<p>8. <i>BLM funding amount:</i></p>	<p>\$55,000</p>

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

<i>9. Subactivity:</i>	1050
<i>10. Partners/contribution:</i>	University of Alaska Museum of the North
<i>11. PE units:</i>	FY20: 370 BC, 11 MY, 37 FD
<i>12. Photo number:</i> Mills_surveys_LLAKF02000_2020-1	<i>Caption:</i> Archaeological survey & testing. Loaded rafts, floating on Birch Creek Wild River, Eastern Interior Field Office, Alaska. Photo: Robin Mills 2020.
<i>13. Photo number:</i> Mills_surveys_LLAKF02000_2020-2	<i>Caption:</i> Archaeological survey & testing. Rafting to next test locality, Dennison Fork of the Fortymile River, Eastern Interior Field Office, Alaska. BLM volunteer Sam Coffman in lead raft. Photo: Robin Mills 2020.
<i>14. Photo number:</i> Mills_surveys_LLAKF02000_2020-3	<i>Caption:</i> Archaeological survey & testing. Shovel testing at a potential hunting overlook site; Birch Creek Wild River, Eastern Interior Field Office, Alaska. Left to right: BLM volunteers Sam Coffman and Audra Darcy, BLM seasonal archaeology technician Tom Allen at far right. Photo: Robin Mills 2020.
<i>15. Photos number:</i> Mills_surveys_LLAKF02000_2020-4	<i>Caption:</i> Archaeological survey & testing. New prehistoric site found after testing at a potential hunting camp site; Dennison Fork of the Fortymile River, Eastern Interior Field Office, Alaska. Left to right: BLM volunteers Audra Darcy and Sam Coffman, BLM seasonal archaeology technician Tom Allen at far right Photo: Robin Mills 2020.
<i>16. Photos number:</i> Mills_surveys_LLAKF02000_2020-5	<i>Caption:</i> Archaeological survey & testing. Typical soil profile seen in the Fortymile River drainage, indicating the 1700 year old White River tephra or ash layer. Eastern Interior Field Office, Alaska. Photo: Robin Mills 2020.
<i>17. Photos number:</i> Mills_surveys_LLAKF02000_2020-6	<i>Caption:</i> Archaeological survey & testing. Test unit excavated at a known prehistoric hunting overlook and camp site; Clum's Fork, a tributary of Birch Creek Wild River, Eastern Interior Field Office, Alaska. BLM volunteer Sam Coffman. Photo: Robin Mills 2020.
<i>18. Photos number:</i> Mills_surveys_LLAKF02000_2020-7	<i>Caption:</i> Archaeological survey & testing. A hearth or campfire found while testing a known site along Ingle Creek, a tributary in the Fortymile River drainage, Eastern Interior Field Office, Alaska. The staining seen on the floor of the test unit in the upper right part of the photo is from charcoal. The stone tool on the edge of the staining is a chert stone scraper, used to work hides or wood. Photo: Robin Mills 2020.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

1. <i>Project title:</i>	University of Alaska Museum of the North, Archaeology & Earth Sciences Departments' BLM Collections
2. <i>Field or district:</i>	Fairbanks District Office & Arctic District Office
3. <i>Org. code:</i>	LLAKF00000 & LLAKR00000
4. <i>Department of the Interior Priority (2020)³:</i>	<input checked="" type="checkbox"/> 1. Create a conservation stewardship legacy second only to Teddy Roosevelt. <input type="checkbox"/> 2. Sustainably develop our energy and natural resources. <input type="checkbox"/> 3. Restore trust and be a good neighbor. <input type="checkbox"/> 4. Ensure tribal sovereignty means something. <input type="checkbox"/> 5. Increase revenues to support the Department and national interests. <input type="checkbox"/> 6. Protect our people and the border. <input type="checkbox"/> 7. Strike a regulatory balance. <input type="checkbox"/> 8. Modernize our infrastructure. <input type="checkbox"/> 9. Reorganize the Department for the next 100 years. <input type="checkbox"/> 10. Achieve our goals and lead our team forward.
5. <i>Theme⁴:</i>	<input type="checkbox"/> CRDP/NCRIMS <input type="checkbox"/> Field School <input checked="" type="checkbox"/> Museum Property Management <input type="checkbox"/> NAGPRA <input type="checkbox"/> NHPA Section 106 Project <input type="checkbox"/> NHPA Section 110 Inventory/Survey <input type="checkbox"/> NHPA Section 110 Data Recovery <input type="checkbox"/> NRHP Nomination <input type="checkbox"/> Outreach, Interpretation, Education <input type="checkbox"/> Paleontology <input type="checkbox"/> Research <input checked="" type="checkbox"/> Restoration/Stabilization <input type="checkbox"/> Tribal Consultation and Coordination <input type="checkbox"/> Other

³ Check all that apply.

⁴ Check all that apply.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

	<p><i>Project summary:</i></p> <p>The BLM and the University of Alaska Museum of the North (UAMN), in Fairbanks, Alaska, continue to work together to properly house and care for existing BLM-owned artifacts and fossils housed at that repository. The BLM has more than 1,700 accessioned archaeology collections at UAMN, with an estimated 300,000 artifacts present in these collections, of which 202, 802 have been catalogued. The UAMN Earth Sciences Department has the largest collection of fossils in Alaska, including Cretaceous dinosaurs & Ice Age mammals. About 1/3 to 1/2 of these collections come from BLM-managed land: more than 140 accessions from 1000 localities, including more than 20,000 specimens.</p> <p>A 5-year assistance agreement between the BLM and UAMN Earth Sciences ended in FY15, after successfully bringing up to modern curatorial standards <u>all</u> BLM-managed fossils (>20,000) in the facility. In FY20, a new 4-year agreement between the BLM and UAMN’s Archaeology Department was signed, which provides funding to UAMN to continue the work of bringing existing “legacy” collections up to modern curatorial standards. Obligated to this new agreement in FY20 was \$67,500. In FY2020, the global COVID pandemic dramatically affected this work, effectively shutting it down in April.</p> <p>During the first quarter of FY20, BLM Arctic District archaeologist Joe Keeney and UAMN staff Scott Shirar travelled to Brockport NY, and packed up and sent to the UAMN in Fairbanks approximately 115 cubic feet of archaeological collections and associated primary documentation generated during the career of long-time Alaskan archaeologist Ed Hall (Figure 1). Subsequent work completed prior to the COVID-19 shutdown consisted of receiving, processing, and rehousing these collections at UAMN. In total 1,484 artifacts were rehoused and partially cataloged, and an estimated 112 linear feet of documentation was sorted and partially rehoused. This work is still ongoing as progress was interrupted due to the University of Alaska shutdown related to the Covid-19 pandemic. In addition, the 3D scanning technology in the imaging lab at UAMN was employed to create scans for artifacts from the BLM St. Lawrence Island collections. A total of about 200 artifacts from a single accession were scanned during FY2020.</p> <p>This project is not linked to a BPSS project, but used 1050 funds provided by the Alaska SO, the Fairbanks District Office, and the Anchorage District Office.</p>
<i>BPSS project number:</i>	none
<i>8. BLM funding amount:</i>	\$67,500
<i>9. Subactivity:</i>	1050

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

<i>10. Partners/contribution:</i>	University of Alaska Museum of the North / \$0
<i>11. PE units:</i>	4 BD in FY20
<i>12. Photo number:</i> University of Alaska Museum of the North 2020-1	<i>Caption:</i> Packing archaeology collections and documentation at the Ed Hall estate in Brockport, NY, for shipping to the museum in Fairbanks.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

1. <i>Project title:</i>	2020 NPR-A Survey
2. <i>Field or district:</i>	Arctic District Office
3. <i>Org. code:</i>	LLAKR00000
4. <i>Department of the Interior Priority (2020)⁵:</i>	<input checked="" type="checkbox"/> 1. Create a conservation stewardship legacy second only to Teddy Roosevelt. <input checked="" type="checkbox"/> 2. Sustainably develop our energy and natural resources. <input checked="" type="checkbox"/> 3. Restore trust and be a good neighbor. <input type="checkbox"/> 4. Ensure tribal sovereignty means something. <input type="checkbox"/> 5. Increase revenues to support the Department and national interests. <input type="checkbox"/> 6. Protect our people and the border. <input type="checkbox"/> 7. Strike a regulatory balance. <input type="checkbox"/> 8. Modernize our infrastructure. <input type="checkbox"/> 9. Reorganize the Department for the next 100 years. <input type="checkbox"/> 10. Achieve our goals and lead our team forward.
5. <i>Theme⁶:</i>	<input type="checkbox"/> CRDP/NCRIMS <input type="checkbox"/> Field School <input type="checkbox"/> Museum Property Management <input type="checkbox"/> NAGPRA <input checked="" type="checkbox"/> NHPA Section 106 Project <input checked="" type="checkbox"/> NHPA Section 110 Inventory/Survey <input checked="" type="checkbox"/> NHPA Section 110 Data Recovery <input type="checkbox"/> NRHP Nomination <input type="checkbox"/> Outreach, Interpretation, Education <input type="checkbox"/> Paleontology <input type="checkbox"/> Research <input type="checkbox"/> Restoration/Stabilization <input type="checkbox"/> Tribal Consultation and Coordination <input type="checkbox"/> Other

⁵ Check all that apply.

⁶ Check all that apply.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

<p>6. <i>Project summary:</i></p>	<p>Arctic District Office (RDO) archaeologist Joe Keeney conducted proactive (110) and Section 106 cultural resources surveys over two weeks within the National Petroleum Reserve-Alaska (NPR-A) on Alaska’s North Slope in the summer of 2020. Crew members on the helicopter-based project included RDO archaeologist Keeney and BLM FDO/RDO seasonal archaeologist Thomas Allen, who were based out of the BLM field station at Umiat, approximately 170 miles southeast of Utqiagvik (formerly Barrow) on the Colville River. BLM manages approximately 25 million acres in the NPR-A.</p> <p>The primary goal of the 2020 proactive survey work was to focus on areas between the BLM Inigok Field Station (50 miles north of Umiat) and the Beaufort Sea Coast, west of westward-expanding oil developments in the NPR-A. Survey work had to primarily be conducted from low-flying helicopter with targeted pedestrian surveys where ground survey was possible; archaeologists coordinated with Alaska Smokejumpers to parachute drop fuel drums to access remote areas within the NPR-A for the 2020 work (Figure 1). The 2020 crew also revisited several sites for condition monitoring and updating records, including for the ongoing process of mapping polygonal site boundaries using sub-meter GPS to improve site location data in the State’s database (Alaska Heritage Resources Survey). The goal of the Section 106 portion of the project was to survey a ~30-mile-long, unsurveyed section of the overland corridor on state land that BLM plans to use for transporting field station housing and equipment to Umiat in the winter of 2020/2021.</p> <p>Despite limitations due to COVID and loss of 1/3 of the available work days due to weather, RDO covered tens of thousands of acres via helicopter and was able to cover 128 acres by pedestrian survey (BC) during the proactive survey. RDO was able to identify five new sites (FD), intensively record one previously-documented site (FD), and monitor/update seven previously documented sites (MY). Notable sites discovered, recorded, or monitored in the summer of 2020 include a historic wooden feature fabricated from repurposed dynamite boxes (Figure 2), historic wanigan (building on skis) built and used by the Naval Arctic</p>
-----------------------------------	---

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

	<p>Research Laboratory (NARL) for research at Teshekpuk Lake (Figure 3), a historic Navy skiff (Figure 4), a historic Navy exploration well camp (Figure 5), a historic Navy drum dump (Figure 6), a large scatter of historic Navy exploration debris (Figure 7), and a sod berm feature of unknown purpose (Figure 8).</p> <p>The Section 106 survey on Alaska State land did not locate any sites within the surveyed area. Additionally, the RDO archaeologists 10pportunisticly collected caribou dung sampes for the University of Alaska Museum of the North for caribou biomarker studies.</p>
7. BPSS project number:	BPS-23018
8. BLM funding amount:	\$28,759
9. Subactivity:	1050
10. Partners/contribution:	None
11. PE units:	PE units: FY20: 128 BC, 7 MY, 6 FD
12. Photo number: Keeney_NPRA_LLAKR00000_2020-1	<i>Caption:</i> BLM seasonal archaeologist Tom Allen collecting parachutes used for a remote helicopter fuel drop in the NPR-A. Photo: Joe Keeney 2020.
13. Photo number: Keeney_NPRA_LLAKR00000_2020-2	<i>Caption:</i> Wooden feature constructed from repurposed dynamite boxes (likely left from historic seismic studies) found in the northeast NPR-A. Feature purpose is unknown. Photo: Joe Keeney 2020.
14. Photo number: Keeney_NPRA_LLAKR00000_2020-3	<i>Caption:</i> Historic NARL camp building along the shore of Teshekpuk Lake in the northern NPR-A. The building is a wanigan, a mobile structure built on skis. RDO archaeologist Joe Keeney seen to the right. Photo: Tom Allen 2020.
15. Photo number: Keeney_NPRA_LLAKR00000_2020-4	<i>Caption:</i> Historic Navy skiff in the northern NPR-A with Teshkpuk Lake in the background. RDO archaeologist Joe Keeney seen to the left. Photo: Tom Allen 2020.
16. Photo number: Keeney_NPRA_LLAKR00000_2020-5	<i>Caption:</i> BLM seasonal archaeologist Tom Allen recording the collapsed remanants of a latrine wanigan at the Kaolak 1 exploratory well camp in the western NPR-A used by the U.S. Navy in 1951. Photo: Joe Keeney 2020.
17. Photo number: Keeney_NPRA_LLAKR00000_2020-6	<i>Caption:</i> Historic drum dump several miles from, and likely associated with, the Kaolak 1 test well drilled by the Navy in 1951. Photo: Joe Keeney 2020.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

<p><i>18. Photo number:</i> Keeney_NPRA_LLAKR00000_2020-7</p>	<p><i>Caption:</i> Well-preserved paint and stenciling on the top from a 55-gal drum, one of many objects discarded by the Navy during their exploration activities in the mid-Twentieth Century in the NPR-A at a location north of Inigok Field Station. Photo: Joe Keeney.</p>
<p><i>19. Photos number:</i> Keeney_NPRA_LLAKR00000_2020-8</p>	<p><i>Caption:</i> Sod berm feature located north of Inigok Field Station in the northeast NPR-A. The purpose and association of the berm is not yet known or studied. Photo: Tom Allen 2020.</p>

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

1. <i>Project title:</i>	Section 110 Survey at Galbraith Lake, Alaska
2. <i>Field or district:</i>	Central Yukon Field Office
3. <i>Org. code:</i>	LLAKF03000
4. <i>Department of the Interior Priority (2020)⁷:</i>	<input checked="" type="checkbox"/> 1. Create a conservation stewardship legacy second only to Teddy Roosevelt. <input type="checkbox"/> 2. Sustainably develop our energy and natural resources. <input type="checkbox"/> 3. Restore trust and be a good neighbor. <input type="checkbox"/> 4. Ensure tribal sovereignty means something. <input type="checkbox"/> 5. Increase revenues to support the Department and national interests. <input type="checkbox"/> 6. Protect our people and the border. <input type="checkbox"/> 7. Strike a regulatory balance. <input type="checkbox"/> 8. Modernize our infrastructure. <input type="checkbox"/> 9. Reorganize the Department for the next 100 years. <input type="checkbox"/> 10. Achieve our goals and lead our team forward.
5. <i>Theme⁸:</i>	<input type="checkbox"/> CRDP/NCRIMS <input type="checkbox"/> Field School <input type="checkbox"/> Museum Property Management <input type="checkbox"/> NAGPRA <input type="checkbox"/> NHPA Section 106 Project <input checked="" type="checkbox"/> NHPA Section 110 Inventory/Survey <input type="checkbox"/> NHPA Section 110 Data Recovery <input type="checkbox"/> NRHP Nomination <input type="checkbox"/> Outreach, Interpretation, Education <input type="checkbox"/> Paleontology <input checked="" type="checkbox"/> Research <input type="checkbox"/> Restoration/Stabilization <input type="checkbox"/> Tribal Consultation and Coordination <input type="checkbox"/> Other

⁷ Check all that apply.

⁸ Check all that apply.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

<p><i>6. Project summary:</i></p>	<p>In July, CYFO archaeologist Crystal Glassburn, seasonal archaeologist Tom Allen, and volunteer Marine Vanlandeghem spent a week at Galbraith Lake conducting Section 110 inventory and monitoring. The area around Galbraith Lake has been inventoried several times since the 1960s, but this has resulted in erroneous coordinates, duplicative site numbers, and conflicting site descriptions. The primary goal was to relocate known sites and gather updated information on their condition and location in order to correlate it with the previous survey reports. A total of 10 known sites were relocated and monitored.</p> <p>Phase III survey was also conducted near the areas surrounding the known sites (approximately 500 acres). It wasn't anticipated that any new sites would be located as there had been systematic surveys in the area around Galbraith Lake for at least five decades. However, previous surveys appear to have focused on the lake shore, as several new sites were identified along the inlet outwash. This included a large site with 15 tent rings (pic) that was probably used as a short-term hunting camp for several Nunamiut families. Several surface sites with lithic tools were also identified, including a small chert awl which may have been part of a woman's sewing kit and used to punch holes in leather and a Northern Archaic point base which dates to between 6,500-3,500 BP (pic).</p> <p>A secondary goal of the project was to assess whether recreational use in the area (hunters and hikers) was affecting any of the known archaeological sites. Based on the original site descriptions from the 1960s-1980s and presence of projectile points and other lithic tools on the surface, recreational use of the area seems to have little to no impact on the archaeological sites near Galbraith Lake.</p>
<p><i>7. BPSS project number:</i></p>	<p>n/a</p>
<p><i>8. BLM funding amount:</i></p>	<p>\$5,000</p>
<p><i>9. Subactivity:</i></p>	<p>L1050</p>
<p><i>10. Partners/contribution:</i></p>	<p>n/a</p>
<p><i>11. PE units:</i></p>	<p>BC: 500, MY: 10, FD: 7</p>
<p><i>12. Photo number:</i> LLAKF03000_Glassburn2020_1</p>	<p><i>Caption:</i> Volunteer Marine Vanlandeghem and seasonal archaeologist Tom Allen survey for archaeological sites near Galbraith Lake. Iñupiaq and Gwich'in land, Central Yukon FO, Fairbanks DO, AK SO</p>

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

<p><i>13. Photo number:</i> LLAKF03000_Glassburn2020_2</p>	<p><i>Caption:</i> Volunteer Marine Vanlandeghem and seasonal archaeologist Tom Allen gather site condition information at a known archaeological site near Galbraith Lake. (NOTE, site location may be identifiable; should not be identified as archaeological work/site if shared the public). Iñupiaq and Gwich'in land, Central Yukon FO, Fairbanks DO, AK SO</p>
<p><i>14. Photo number:</i> LLAKF03000_Glassburn2020_3</p>	<p><i>Caption:</i> Volunteer Marine Vanlandeghem and seasonal archaeologist Tom Allen stand next to a newly identified tent ring near Galbraith Lake that was likely used as a short-term camp by Nunamiut (inland Iñupiaq) peoples. (NOTE, site location may be identifiable; should not be shared with the public). Iñupiaq and Gwich'in land, Central Yukon FO, Fairbanks DO, AK SO</p>
<p><i>15. Photo number:</i> LLAKF03000_Glassburn2020_4</p>	<p><i>Caption:</i> Crystal Glassburn holds a chert awl that was found at a new archaeological site near Galbraith Lake. The awl may have been part of a women's sewing kit and used to punch holes in leather. Iñupiaq and Gwich'in land, Central Yukon FO, Fairbanks DO, AK SO</p>
<p><i>16. Photo number:</i> LLAKF03000_Glassburn2020_5</p>	<p><i>Caption:</i> Seasonal archaeologist Tom Allen holds a Northern Archaic biface base. The biface and several other lithic tools were found on the on the surface at a newly identified site near Galbraith Lake. Iñupiaq and Gwich'in land, Central Yukon FO, Fairbanks DO, AK SO</p>
<p><i>17. Photo number:</i> LLAKF03000_Glassburn2020_6</p>	<p><i>Caption:</i> Caribou antlers rest on a rocky slope overlooking Galbraith Lake in the central Brooks Range. The area has been used for thousands of years by Inupiaq and Gwich'in peoples for caribou hunting and fishing, and there is a rich archaeological record around the lake and throughout the nearby Atigun River Valley. Iñupiaq and Gwich'in land, Central Yukon FO, Fairbanks DO, AK SO</p>

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

1. <i>Project title:</i>	Annual CRDP Meeting
2. <i>Field or district:</i>	Central Yukon Field Office
3. <i>Org. code:</i>	LLAKF03000
4. <i>Department of the Interior Priority (2020)⁹:</i>	<input checked="" type="checkbox"/> 1. Create a conservation stewardship legacy second only to Teddy Roosevelt. <input type="checkbox"/> 2. Sustainably develop our energy and natural resources. <input checked="" type="checkbox"/> 3. Restore trust and be a good neighbor. <input type="checkbox"/> 4. Ensure tribal sovereignty means something. <input type="checkbox"/> 5. Increase revenues to support the Department and national interests. <input type="checkbox"/> 6. Protect our people and the border. <input type="checkbox"/> 7. Strike a regulatory balance. <input checked="" type="checkbox"/> 8. Modernize our infrastructure. <input type="checkbox"/> 9. Reorganize the Department for the next 100 years. <input type="checkbox"/> 10. Achieve our goals and lead our team forward.
5. <i>Theme¹⁰:</i>	<input checked="" type="checkbox"/> CRDP/NCRIMS <input type="checkbox"/> Field School <input type="checkbox"/> Museum Property Management <input type="checkbox"/> NAGPRA <input type="checkbox"/> NHPA Section 106 Project <input type="checkbox"/> NHPA Section 110 Inventory/Survey <input type="checkbox"/> NHPA Section 110 Data Recovery <input type="checkbox"/> NRHP Nomination <input type="checkbox"/> Outreach, Interpretation, Education <input type="checkbox"/> Paleontology <input type="checkbox"/> Research <input type="checkbox"/> Restoration/Stabilization <input type="checkbox"/> Tribal Consultation and Coordination <input type="checkbox"/> Other

⁹ Check all that apply.

¹⁰ Check all that apply.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

<p><i>6. Project summary:</i></p>	<p>In February, CYFO archaeologist Crystal Glassburn was appointed as the National Coordinator for the CRDP and then organized and facilitated the annual CRDP meeting in May between the BLM and state partners in AK, AZ, CA, CO, ID, MT, NM, NV, UT, WA/OR, and WY. Due to Covid-19, the annual meeting was virtual for the first time ever (Zoom) but was a success with an all-time high participation rate of 33 individuals at one point!</p> <p>Highlights of the meeting included receiving agency-wide kudos from the executive director of NCSHPO, Erik Hein, who noted that the CRDP has been an excellent model for data management and collaboration. In addition, all state partners expressed appreciation of BLM’s support for 20+ years and noted that western SHPOs have been able to continue working throughout the pandemic due in part to the support of the BLM/CRDP.</p> <p>The CRDP group also collaboratively discussed new directions, including finalizing the CRDP Charter, developing an internal and external web presence and recognition, and working with the NIFC to share cultural resource data for fire incident response.</p>
<p><i>7. BPSS project number:</i></p>	<p>n/a</p>
<p><i>8. BLM funding amount:</i></p>	<p>work months</p>
<p><i>9. Subactivity:</i></p>	<p>L1050</p>
<p><i>10. Partners/contribution:</i></p>	<p>n/a</p>
<p><i>11. PE units:</i></p>	<p>n/a</p>
<p><i>12. Photos: none</i></p>	<p></p>

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

1. <i>Project title:</i>	Protocols to Document Culturally Significance Places for Incident Response
2. <i>Field or district:</i>	Central Yukon Field Office
3. <i>Org. code:</i>	LLAKF03000
4. <i>Department of the Interior Priority (2020)¹¹:</i>	<input checked="" type="checkbox"/> 1. Create a conservation stewardship legacy second only to Teddy Roosevelt. <input type="checkbox"/> 2. Sustainably develop our energy and natural resources. <input checked="" type="checkbox"/> 3. Restore trust and be a good neighbor. <input checked="" type="checkbox"/> 4. Ensure tribal sovereignty means something. <input type="checkbox"/> 5. Increase revenues to support the Department and national interests. <input type="checkbox"/> 6. Protect our people and the border. <input checked="" type="checkbox"/> 7. Strike a regulatory balance. <input type="checkbox"/> 8. Modernize our infrastructure. <input type="checkbox"/> 9. Reorganize the Department for the next 100 years. <input type="checkbox"/> 10. Achieve our goals and lead our team forward.
5. <i>Theme¹²:</i>	<input type="checkbox"/> CRDP/NCRIMS <input type="checkbox"/> Field School <input type="checkbox"/> Museum Property Management <input type="checkbox"/> NAGPRA <input type="checkbox"/> NHPA Section 106 Project <input type="checkbox"/> NHPA Section 110 Inventory/Survey <input type="checkbox"/> NHPA Section 110 Data Recovery <input type="checkbox"/> NRHP Nomination <input checked="" type="checkbox"/> Outreach, Interpretation, Education <input type="checkbox"/> Paleontology <input type="checkbox"/> Research <input type="checkbox"/> Restoration/Stabilization <input checked="" type="checkbox"/> Tribal Consultation and Coordination <input type="checkbox"/> Other
6. <i>Project summary:</i>	CYFO archaeologist Crystal Glassburn is coordinating a project with other state and federal agencies to develop best practices and protocols to consult with tribes and local communities in Alaska to proactively document culturally significant places during incident response planning. The project is funded from the Inland Oil Spill Preparedness Project (IOSPP) with work month contributions from the BLM CYFO, NPS Regional Office, and SHPO's office, and will take place between 2021-2022.

¹¹ Check all that apply.

¹² Check all that apply.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

	<p>Similar to lead agency responsibilities for NEPA projects, response agencies are also required to consult with tribes and local communities to document cultural resources during spill response efforts. However, even under the best of circumstances, consultation about culturally important or sensitive areas isn't always fruitful and is especially challenging during spill response when time is limited and stress levels are high. This conversation really needs to begin before an incident happens, so that the locations of important places are known and the conversation during response can be focused on how to minimize impacts to it.</p> <p>The goals of the project are focused on addressing these issues by:</p> <ul style="list-style-type: none"> • Developing materials (presentations, handouts, etc.) to inform tribes/communities about spill response, consultation requirements, cultural resource laws, etc. • Working collaboratively with tribes/communities to develop a set of protocols for how they wish to be consulted, information recorded, shared, and other considerations for response planning. • Providing training and sharing the protocols with response agencies and incorporating them into planning materials for the Alaska Regional Response Teams and response efforts that may take place under the "1997 Oil Spill PA". • Making the materials (training, protocols, etc.) available as a template for response planning in other areas of the state and/or as best-practices for agencies to document culturally important places for other projects or situations. <p>The results of the project will help facilitate required consultation for the BLM and other federal and state agencies in a way that is collaborative and also meets the needs and concerns of tribes and local communities. The results will have implications beyond just cultural resources and may have benefits for other subactivities such as land-use planning, project coordination, and subsistence use.</p>
7. <i>BPSS project number:</i> n/a	
8. <i>BLM funding amount:</i> 1/2 work month (~\$2,500)	
9. <i>Subactivity:</i>	L1050
10. <i>Partners/contribution:</i>	IOSPP Fund - \$145,000
11. <i>PE units:</i>	0
12. <i>Photos:</i> none	

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

1. <i>Project title:</i>	Archaeology Day – Anchorage Field Office
2. <i>Field or district:</i>	Click here to enter text.
3. <i>Org. code:</i>	Click here to enter text.
4. <i>Department of the Interior Priority (2020)¹³:</i>	<input checked="" type="checkbox"/> 1. Create a conservation stewardship legacy second only to Teddy Roosevelt. <input type="checkbox"/> 2. Sustainably develop our energy and natural resources. <input type="checkbox"/> 3. Restore trust and be a good neighbor. <input type="checkbox"/> 4. Ensure tribal sovereignty means something. <input type="checkbox"/> 5. Increase revenues to support the Department and national interests. <input type="checkbox"/> 6. Protect our people and the border. <input type="checkbox"/> 7. Strike a regulatory balance. <input type="checkbox"/> 8. Modernize our infrastructure. <input type="checkbox"/> 9. Reorganize the Department for the next 100 years. <input type="checkbox"/> 10. Achieve our goals and lead our team forward
5. <i>Theme¹⁴:</i>	<input type="checkbox"/> CRDP/NCRIMS <input type="checkbox"/> Field School <input type="checkbox"/> Museum Property Management <input type="checkbox"/> NAGPRA <input type="checkbox"/> NHPA Section 106 Project <input type="checkbox"/> NHPA Section 110 Inventory/Survey <input type="checkbox"/> NHPA Section 110 Data Recovery <input type="checkbox"/> NRHP Nomination <input checked="" type="checkbox"/> Outreach, Interpretation, Education <input type="checkbox"/> Paleontology <input type="checkbox"/> Research <input type="checkbox"/> Restoration/Stabilization <input type="checkbox"/> Tribal Consultation and Coordination <input type="checkbox"/> Other

¹³ Check all that apply.

¹⁴ Check all that apply.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

6. Project summary:

Nearly 300 people of all ages visited the BLM Campbell Creek Science Center to celebrate International Archaeology Day. The family friendly event included hands-on programs and a guided tour of World War II archaeological features on the BLM Campbell Tract. The event gave visitors a better understanding of the past, a greater awareness of the work of archaeologists, and a different perspective on what makes the Campbell Tract special.

Instructors from the Science Center, and archaeologists from the BLM and other government agencies, as well as academia and the private sector, worked together to make the event possible.

The Alaska Consortium of Zooarchaeologists showed visitors how archaeologists identify animals from their bones, and what that can tell us about an archaeological site. Volunteers from the University of Alaska Anchorage Department of Anthropology staffed a bioarchaeology table that included human, hominid, and primate bones and discussed what archaeologists can learn from studying bones. The university's Anthropology Club led a mask-making activity, where kids made Yup'ik-style masks. The National Park Service had a cave painting station, where visitors could try out indigenous painting techniques. The Anchorage Museum and U.S. Army Corps of Engineers also participated in the event.

Outside, people could learn about the mammoths and mastodons that inhabited prehistoric Alaska. The State of Alaska, Office of History and Archaeology and the National Park Service staffed an atlatl station where people could try their hand at using an atlatl, a spear throwing tool used by multiple indigenous Alaskan cultures.

One of the most popular attractions was a life-sized woolly mammoth named Pingo Peat, on loan from the University of Alaska, Fairbanks Geophysical Institute. Peat was the subject of hundreds of photos and selfies throughout the event.

The two interpretive walks during the event focused on what remains of the Campbell Garrison, one of four World War II sites in Southcentral Alaska located strategically to provide access and protection in the event of an attack by Japan. Foundations of old buildings and foxholes from the period are still visible along the recreational trails. The interpretive walk was developed by Science Center instructor Maia Draper-Reich and BLM Anchorage Field Office Archaeologist Jenny Blanchard. Many people came to Archaeology Day solely to attend the walks.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

<i>7. BPSS project number:</i>	N/A
<i>8. BLM funding amount:</i>	N/A
<i>9. Subactivity:</i>	L10500000
<i>10. Partners/contribution:</i>	Time/labor contributions from University of Alaska, Anchorage; UAA Anthropology Club; Anchorage Museum; National Park Service Alaska Region; State of Alaska, Office of History and Archaeology; Alaska Consortium of Zooarchaeologists.
<i>11. PE units:</i>	1 AE
<i>12. Photo number: 1</i>	<i>Caption:</i> BLM Campbell Creek Science Center instructor and mammoth guard Brian Janson with Pingo Peat. Photo by Maureen Clark, BLM
<i>13. Photo number: 2</i>	<i>Caption:</i> State of Alaska Archaeologist and Deputy SHPO Richard Vanderhoek showing a visitor how to throw a spear using an atlatl. Photo by Maureen Clark, BLM

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

<i>1. Project title:</i>	Agents of Discovery Cultural Resource Missions
<i>2. Field or district:</i>	Anchorage District Office
<i>3. Org. code:</i>	AKA00500
<i>4. Department of the Interior Priority (2020)¹⁵:</i>	<input checked="" type="checkbox"/> 1. Create a conservation stewardship legacy second only to Teddy Roosevelt. <input type="checkbox"/> 2. Sustainably develop our energy and natural resources. <input type="checkbox"/> 3. Restore trust and be a good neighbor. <input type="checkbox"/> 4. Ensure tribal sovereignty means something. <input type="checkbox"/> 5. Increase revenues to support the Department and national interests. <input type="checkbox"/> 6. Protect our people and the border. <input type="checkbox"/> 7. Strike a regulatory balance. <input type="checkbox"/> 8. Modernize our infrastructure. <input type="checkbox"/> 9. Reorganize the Department for the next 100 years. <input type="checkbox"/> 10. Achieve our goals and lead our team forward.
<i>5. Theme¹⁶:</i>	<input type="checkbox"/> CRDP/NCRIMS <input type="checkbox"/> Field School <input type="checkbox"/> Museum Property Management <input type="checkbox"/> NAGPRA <input type="checkbox"/> NHPA Section 106 Project <input type="checkbox"/> NHPA Section 110 Inventory/Survey <input type="checkbox"/> NHPA Section 110 Data Recovery <input type="checkbox"/> NRHP Nomination <input checked="" type="checkbox"/> Outreach, Interpretation, Education <input type="checkbox"/> Paleontology <input type="checkbox"/> Research <input type="checkbox"/> Restoration/Stabilization <input type="checkbox"/> Tribal Consultation and Coordination <input type="checkbox"/> Other

¹⁵ Check all that apply.

¹⁶ Check all that apply.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

6. <i>Project summary:</i>	Agents of Discovery is an awarding winning, location based, augmented-reality app that can be downloaded for free and played on a mobile device at participating sites. The application allows users to discover the natural outdoor world around them in a fun and interactive way. Players unlock hidden geo-located challenges that can be solved only through observation and discovery. BLM Campbell Creek Science Center staff created an “Archaeology Mysteries” mission for Campbell Tract, for kids to “Become an archaeology detective as you uncover the history of the Campbell Tract!” This fiscal year 162 people used Agents of Discovery, to become archaeology detectives and uncover the history of the Campbell Tract. Players downloaded the app and then headed out onto the trails to unlock virtual challenges and learn about the people who had used this land in the past and the evidence they left behind.
7. <i>BPSS project number:</i>	NA
8. <i>BLM funding amount:</i>	NA
9. <i>Subactivity:</i>	L10500000
10. <i>Partners/contribution:</i>	NA
11. <i>PE units:</i>	2 AE
12. <i>Photo number:</i> NA	<i>Caption:</i> NA

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

1. <i>Project title:</i>	PLO 5150 Proactive Surveys
2. <i>Field or district:</i>	Glennallen Field Office
3. <i>Org. code:</i>	LLAKA02000
4. <i>Department of the Interior Priority (2020)¹⁷:</i>	<input type="checkbox"/> 1. Create a conservation stewardship legacy second only to Teddy Roosevelt. <input checked="" type="checkbox"/> 2. Sustainably develop our energy and natural resources. <input type="checkbox"/> 3. Restore trust and be a good neighbor. <input type="checkbox"/> 4. Ensure tribal sovereignty means something. <input type="checkbox"/> 5. Increase revenues to support the Department and national interests. <input type="checkbox"/> 6. Protect our people and the border. <input type="checkbox"/> 7. Strike a regulatory balance. <input type="checkbox"/> 8. Modernize our infrastructure. <input type="checkbox"/> 9. Reorganize the Department for the next 100 years. <input type="checkbox"/> 10. Achieve our goals and lead our team forward.
5. <i>Theme¹⁸:</i>	<input type="checkbox"/> CRDP/NCRIMS <input type="checkbox"/> Field School <input type="checkbox"/> Museum Property Management <input type="checkbox"/> NAGPRA <input type="checkbox"/> NHPA Section 106 Project <input checked="" type="checkbox"/> NHPA Section 110 Inventory/Survey <input type="checkbox"/> NHPA Section 110 Data Recovery <input type="checkbox"/> NRHP Nomination <input type="checkbox"/> Outreach, Interpretation, Education <input type="checkbox"/> Paleontology <input type="checkbox"/> Research <input type="checkbox"/> Restoration/Stabilization <input type="checkbox"/> Tribal Consultation and Coordination <input type="checkbox"/> Other

¹⁷ Check all that apply.

¹⁸ Check all that apply.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

6. <i>Project summary:</i>	The Glennallen Field Office completed surveys within the Trans Alaska Pipeline Utility Corridor (PLO-5150) to locate portions of the historic Valdez to Fairbanks Trail, the old Richardson Highway or the Washington to Alaska Military Cable and Telegraph System (WAMCATS). Due to COVID19 restrictions on travel through Canada, this project took the place of surveys planned in Skagway, Alaska. Surveys were designed to be consistent with recommended COVID-19 health procedures and to restrict travel to highway accessible areas, requiring no crossborder travel or the use of confined aircraft. These surveys located two abandoned sections of the Richardson Highway, a portion of historic trail as well as two historic camps dating from the 1920s and 1950, respectively.
7. <i>BPSS project number:</i>	None
8. <i>BLM funding amount:</i>	22,000
9. <i>Subactivity:</i>	L10500000
10. <i>Partners/contribution:</i>	None
11. <i>PE units:</i>	BC, MY
12. <i>Photo number:</i> 1	<i>Caption:</i> GFO Crew Member GPSing Old Richardson Hwy.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

1. <i>Project title:</i>	Denali Post Office
2. <i>Field or district:</i>	Glennallen Field Office
3. <i>Org. code:</i>	LLAKA02000
4. <i>Department of the Interior Priority (2020)¹⁹:</i>	<input checked="" type="checkbox"/> 1. Create a conservation stewardship legacy second only to Teddy Roosevelt. <input type="checkbox"/> 2. Sustainably develop our energy and natural resources. <input type="checkbox"/> 3. Restore trust and be a good neighbor. <input type="checkbox"/> 4. Ensure tribal sovereignty means something. <input type="checkbox"/> 5. Increase revenues to support the Department and national interests. <input type="checkbox"/> 6. Protect our people and the border. <input type="checkbox"/> 7. Strike a regulatory balance. <input type="checkbox"/> 8. Modernize our infrastructure. <input type="checkbox"/> 9. Reorganize the Department for the next 100 years. <input type="checkbox"/> 10. Achieve our goals and lead our team forward.
5. <i>Theme²⁰:</i>	<input type="checkbox"/> CRDP/NCRIMS <input type="checkbox"/> Field School <input type="checkbox"/> Museum Property Management <input type="checkbox"/> NAGPRA <input type="checkbox"/> NHPA Section 106 Project <input type="checkbox"/> NHPA Section 110 Inventory/Survey <input type="checkbox"/> NHPA Section 110 Data Recovery <input type="checkbox"/> NRHP Nomination <input type="checkbox"/> Outreach, Interpretation, Education <input type="checkbox"/> Paleontology <input type="checkbox"/> Research <input checked="" type="checkbox"/> Restoration/Stabilization <input type="checkbox"/> Tribal Consultation and Coordination <input type="checkbox"/> Other

¹⁹ Check all that apply.

²⁰ Check all that apply.

**BLM Heritage Program Annual Report
2020 Major Highlights from STATE**

6. <i>Project summary:</i>	This year Glennallen Field Office staff worked on the first year of stabilizing and reducing fuels around the 1913 Denali Post Office in the historic Valdez Creek Mining District. The cabin is the only remaining in situ structure still standing from a historic mining town from the early 1900s. This year brush was removed around the structure to reduce fuels and a trail from the existing mining access road was brushed to the structure to facilitate moving roofing materials to the site. In recent years, three galvanized roofing panels were blown off the structure by high winds, leading to water causing significant rot and damage to the roof. Work this year also included removing brush that had begun growing from the roof and placing a temporary tarp over the bare portion of roof prior to winter. Next years work will involve Glennallen maintenance staff, who have specialized in historic structure rehabilitation while working previous for the NPS. Matching planks and roofing will replace damaged elements and stabilize the structure for the future.
7. <i>BPSS project number:</i>	Click here to enter text.
8. <i>BLM funding amount:</i>	10,000
9. <i>Subactivity:</i>	L10500000
10. <i>Partners/contribution:</i>	None
11. <i>PE units:</i>	MY, KO
12. <i>Photo number: 2</i>	<i>Caption: Denali Post Office after Brushing and Tarp</i>