




## MINERALS PROGRAM INSPECTION REPORT

PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

<b>MINE NAME:</b> Hansen Uranium Project	<b>MINE/PROSPECTING ID#:</b> P-2009-025	<b>MINERAL:</b> Uranium	<b>COUNTY:</b> Fremont
<b>INSPECTION TYPE:</b> Surety Release Inspection	<b>INSPECTOR(S):</b> Timothy Cazier, P.E.	<b>INSP. DATE:</b> October 15, 2021	<b>INSP. TIME:</b> 10:00
<b>OPERATOR:</b> Black Range Minerals Colorado, LLC	<b>OPERATOR REPRESENTATIVE:</b> Mike Rutter	<b>TYPE OF OPERATION:</b> MP - Mineral Prospecting	
<b>REASON FOR INSPECTION:</b> Surety Release Requested	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$154,936.58	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> U.S.BLM	<b>JOINT INSP. AGENCY:</b> U.S.BLM	
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> October 29, 2021	

### GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>N</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>NA</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

## **OBSERVATIONS**

This inspection was conducted by Tim Cazier (DRMS) as a result of a surety release request. Mr. Mike Rutter was present for the inspection, representing the Prospector (Black Range Minerals). Ms. Amber Pike was also present, representing the Bureau of Land Management (BLM). The Hansen Project site is accessed from Fremont Co Rd 21 and is located approximately 10 miles off Hwy 9 from the intersection with Fremont County Road 2. This is uranium prospecting operation. It was not active at the time of the inspection.

**Availability of Records:** Annual fees are paid through October 2021. The previous inspection was on August 25, 2020. There are no open infractions. The surface and minerals are a mix of both privately owned and federally managed lands (BLM).

**Backfilling and Grading:** As observed during the two previous inspections, all necessary grading has been completed.

**Financial Warranty:** Based on observations, the site is releasable and the DRMS will recommend release from reclamation liability. As such, no bond is necessary.

**Fish and Wildlife:** No impact to wildlife was observed.

**Hydrologic Balance:** The DRMS has received final abandonment reports for all eleven HNND boreholes/wells drilled in 2011. The DRMS has received documentation showing the five MW-27 series (290 through 294) holes drilled in 2014 have been converted to monitoring wells and are now regulated by the Division of Water Resources. A cap was observed on the PVC casing found near HNDD0009 during the previous inspection (see **Photo 1**). All boreholes and monitoring wells associated with this NOI are now deemed releasable pursuant to Rule 5.4.

**Roads:** The water bar recommended during the previous inspection (where the drill road to HNDD0010 crests) had been constructed (see **Photo 2**). All other drill roads appeared adequately reclaimed (see **Photo 3**).

**Right of Entry:** Site HNDD0010 is the only one on lands managed by the Bureau of Land Management. Ms. Pike stated the BLM NOI had recently expired. As the BLM considered the HNDD0010 site adequately reclaimed, this was not cited as a problem.

**Reclamation Success:** The DRMS revisited all 11 borehole and monitoring well sites. The three exceptions needing minor attention during the previous inspection have adequately been addressed:

1. The aforementioned water bar was constructed on the HNDD0010 drill road (see **Photo 2**),
2. No Canada thistle was observed near the HNDD0010 drill site,
3. Straw wattles and rebar stakes previously observed near HNDD0006 have been removed (see **Photo 4**).

After each drill site visited was deemed acceptable for release, Mr. Rutter removed the stake marking the location of the borehole.

**Revegetation:** Vegetation appears to be diverse and well established at all drill sites (see **Photos 5 and 6**).

**Sediment Control:** No erosion problems were observed.

**Storm Water MGT Plan:** No oil or fuel spills observed.

The DRMS recommends release from reclamation liability for this operation. Please contact Tim Cazier (303)866-3567 ext. 8169 or email at [tim.cazier@state.co.us](mailto:tim.cazier@state.co.us) if you have any questions regarding this report.



## **PHOTOGRAPHS**



Photo 1. Capped PVC casing observed approximately 160 north of HNDD0009.



Photo 2. Water bars constructed in road to HNDD0010 (looking north).



**PHOTOGRAPHS (cont.)**



Photo 3. Reclaimed drill site and road – HNDD0010 (looking NE).



Photo 4. Straw wattles removed at HNDD0006 (looking NW).



**PHOTOGRAPHS (cont.)**



Photo 5. Revegetation at HNDD0011.



Photo 6. Revegetated HNDD0004 drill site (looking NW).

**Inspection Contact Address**

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ec: DRMS file  
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