

BONUS ACTIVITY!

GRADES 7-12: ANSWER KEY

VIRTUAL
YUKON
MINING

ACTIVITY 11: YUKON PLACER MINING REGULATIONS & RECLAMATION

YUKON PLACER QUESTIONS

- Q1. More than \$1,600 per ounce USD (as of April 9, 2020)
- Q2. Placer mining is the technique of recovering gold or other heavy metals from gravels; quartz mining recovers gold and other minerals from hard rock.
- Q3. The purpose of this Part is to ensure the development and viability of a sustainable, competitive and healthy placer mining industry that operates in a manner that upholds the essential socio-economic and environmental values of the Yukon and respects the aboriginal and treaty rights referred to in section 35 of the Constitution
- Q4. The Yukon Environmental and Socio-economic Assessment Board's (YESAB). An assessment process is initiated when an individual or organization submits a project proposal to YESAB. Assessors consider the potential environmental and socio-economic effects of proposed activities by gathering and analyzing relevant information from various sources (federal, territorial and First Nation governments, experts in the field, and the public) and by conducting research to allow for a complete and thorough assessment.
- Q5. 200
- Q6. Four (Classes 1 through 4)
- Q7. Class 4 - all Placer Mining Land Use applications for Class 4 activities are processed by the Water Board. A water license is not required for a placer mining project if the water withdrawal rate from a body of water is below the thresholds in the Waters Regulation, which applies to Classes 1, 2 and 3 and is 300 m³/day or less.
- Q8. Annually
- Q9. The Robert E. Leckie Awards for Excellence in Environmental Stewardship. The 2019 placer winners were John Alton and Moonlight Mining for their dedication to sustainable practices and their demonstration of the balance that can be achieved between resource development and stewardship of all Yukon lands.
- Q10. <http://www.emr.gov.yk.ca/mining/leckie.html> All recipients posted 1999-2018.
Also acceptable 2019: Kyle Bruce (Moonlight Mining) and John Alton (Henry Gulch Mining)

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YUKON PLACER RECLAMATION – TRUE OR FALSE QUESTIONS

- Q1. FALSE, placer gold can also be found in Bench deposits, which are found in old riverbeds which can be high in the hills above current riverbeds.
- Q2. TRUE
- Q3. FALSE, it is required under the Placer Mining Act.
- Q4. FALSE, there are only 4.
- Q5. FALSE, it became law in 2003.
- Q6. TRUE
- Q7. FALSE, there are about 200.
- Q8. FALSE, Class 4 placer mines need water licenses.
- Q9. TRUE. YESAB can recommend additional reclamation requirements beyond what is in the Placer Mining Land Use Regulation.
- Q10. FALSE. YESAB gathers and analyzes information from various sources, including the public.
- Q11. TRUE, the awards are named after Robert E. Leckie, a mining inspector from Mayo who passed away November 1999. Leckie was an innovator who promoted planned reclamation, research and cooperation that benefited both government and industry.



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