

Name \_\_\_\_\_

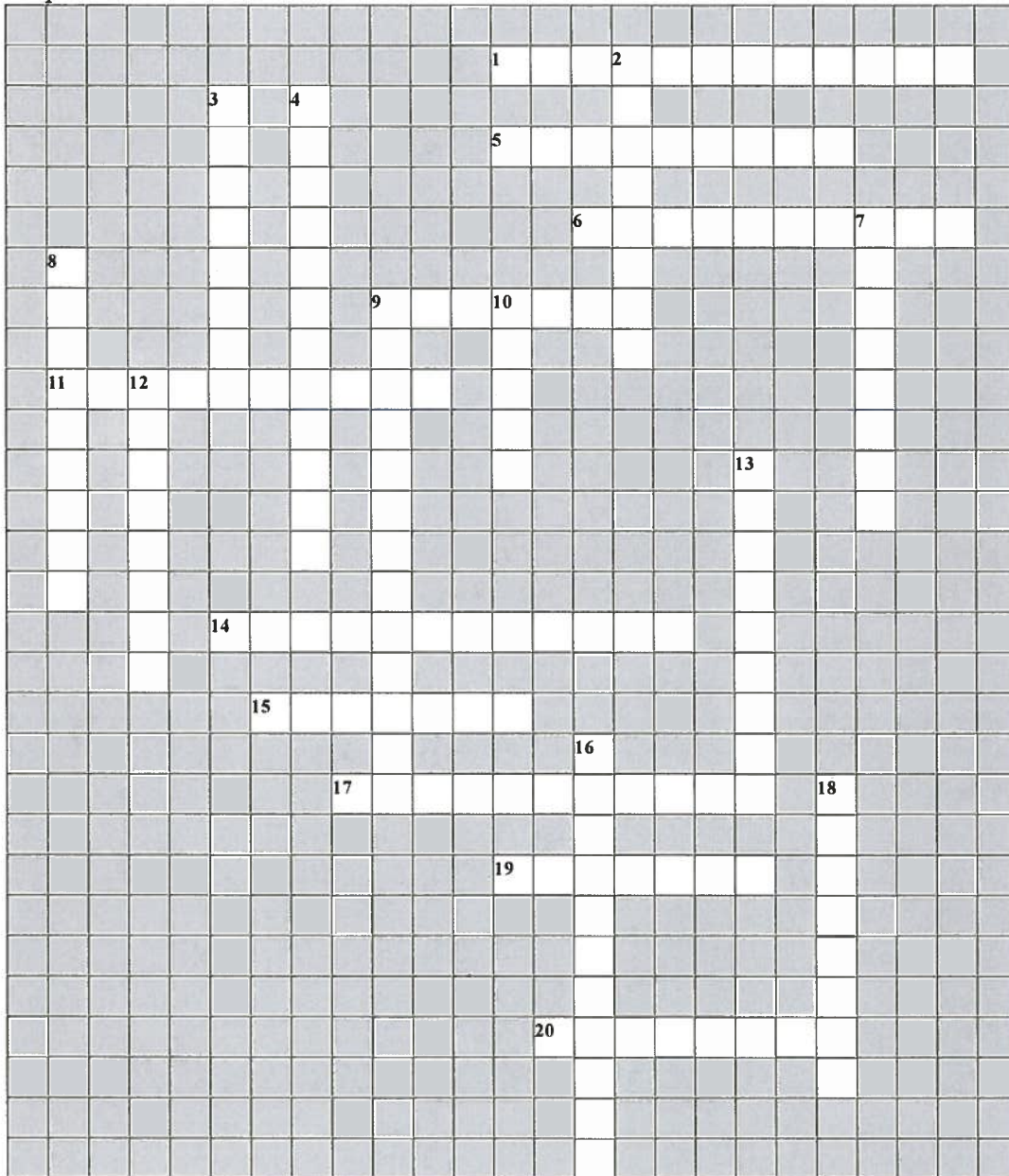


Date \_\_\_\_\_

# Groundwater Crossword Puzzle

(Answer ID # 0588498)

Complete the puzzle.



**Down**

2. Addition of water to the water table as a result of infiltration
3. The lowering of the water level in an aquifer due to the pumping of groundwater
4. The ability of a material to allow the passage of liquid through it.
7. A narrow hole made in the ground, generally drilled to locate water or oil.
8. The zone where all pore space (voids) are filled with water.
9. Snow and rain are examples of this
10. The empty spaces found between sediment grains.
12. The type of aquifer overlain by a confining layer
13. The area of land that drains water to a particular stream, river or lake
16. Water found beneath the ground's surface in the pores of soils and rocks
18. The flow in a stream during dry periods

**Across**

1. The study of the interrelationships of geological material and water
5. The movement of groundwater from the subsurface to the surface
6. The top of the water surface in the saturated part of an unconfined aquifer (2 words)
9. Applying a force to extract water from a well
11. The type of aquifer that has no confining layer between the zone of saturation and the surface.
14. Water that is found on the Earth's surface, for example streams, rivers and lakes (2 words)
15. A geological formation that is water bearing
17. The zone immediately below the land surface where pores contain both water and air
19. The type of ecosystem closely associated with a body of water
20. One of the most important aquifers in Alberta found along the Edmonton-Calgary corridor is the (BLANK) formation

