

## ACTIVITY 9: EXPLORE FOR KNOWLEDGE: VIRTUAL YUKON MINING

COMMUNITY NAME	VYMW CODE WORD	PERIODIC NUMBER AND SYMBOLS									
Beaver Creek	BRaIN	B <sup>5</sup>	Ra <sup>88</sup>	I <sup>53</sup>	N <sup>7</sup>						
Burwash landing	BeArS	Be <sup>4</sup>	Ar <sup>18</sup>	S <sup>16</sup>							
Carcross	CoPErNiCoS	Co <sup>27</sup>	P <sup>15</sup>	Er <sup>68</sup>	Ni <sup>28</sup>	Co <sup>29</sup>	S <sup>16</sup>				
Carmacks	CoYOTe	Co <sup>27</sup>	Y <sup>39</sup>	O <sup>8</sup>	Te <sup>52</sup>						
Dawson City	DyNAMITe	Dy <sup>66</sup>	N <sup>7</sup>	Am <sup>95</sup>	I <sup>53</sup>	Te <sup>52</sup>					
Faro	FrAcTiON	Fr <sup>87</sup>	Ac <sup>89</sup>	Ti <sup>22</sup>	O <sup>8</sup>	N <sup>7</sup>					
Haines Junction	HeLiCoPtEr	He <sup>2</sup>	Li <sup>3</sup>	Co <sup>27</sup>	Pt <sup>78</sup>	Er <sup>68</sup>					
Mayo	MoTiON	Mo <sup>42</sup>	Ti <sup>22</sup>	O <sup>8</sup>	N <sup>7</sup>						
Old Crow	OsMoSiS	Os <sup>76</sup>	Mo <sup>42</sup>	Si <sup>14</sup>	S <sup>16</sup>						
Pelly Crossing	PHONe	P <sup>15</sup>	H <sup>1</sup>	O <sup>8</sup>	Ne <sup>10</sup>						
Ross River	ReSPoNSiBiLiTiEs	Re <sup>75</sup>	S <sup>16</sup>	Po <sup>84</sup>	N <sup>7</sup>	Si <sup>14</sup>	Bi <sup>83</sup>	Li <sup>3</sup>	Ti <sup>22</sup>	Es <sup>99</sup>	
Teslin	TeAcH	Te <sup>52</sup>	Ac <sup>89</sup>	H <sup>1</sup>							
Watson Lake	WONdEr	W <sup>74</sup>	O <sup>8</sup>	Nd <sup>60</sup>	Er <sup>68</sup>						
Whitehorse	WATCH	W <sup>74</sup>	At <sup>85</sup>	C <sup>6</sup>	H <sup>8</sup>						

### VIDEO SECTION

#### VISIT: CARMACKS

- Q1. Casino Mining Corporation or Casino
- Q2. PPE – Personal Protective Equipment
- Q3. Kate Carmack. She discovered gold in Yukon at the start of the Gold Rush (1896) (*Answers may vary*)

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### DISCOVERY SECTION

- Q1. A company whose shares are traded freely on a stock exchange
- Q2. Toronto Stock Exchange (TSX)", "TSX Venture Exchange" (TSXV) and the "Canada Securities Exchange" (CSE)
- Q3. It is a company's identifier on an exchange that is between 2-3 letters.  
Such as Alexco Resource Corp: TSX. AXU – the exchange is "TSX", ticker is "AXU"
- Q4. Mining is the temporary use of land during which valuable rock containing metal or minerals, called an OREBODY, is removed responsibly from the Earth. From start to finish a mining company has to think about how its activities will affect the environment and nearby communities.
- Q5. The mining process is complicated and involves looking for minerals, evaluation a mineral discovery, building a mine, mining and processing minerals, closing a mine and reclaiming the land. The mining process can take a very long time and cost millions of dollars.

### EXPLORATION SECTION

#### VISIT: ROCKHAVEN

- Q1. Rockhaven Resources Ltd
- Q2. Carmacks
- Q3. Klaza
- Q4. TSX.V.RK or RK
- Q5. Gold, Silver, Lead and Zinc

#### VISIT: CASINO PROJECT

- Q1. Casino Mining Corporation or Western Copper and Gold Corp
- Q2. Drill Core
- Q3. Varied
- Q4. 22 Years
- Q5. Gold: 8.9M oz  
Silver: 65M oz  
Copper: 4.5B lbs  
Molybdenum: 483M lbs

#### VISIT: BANYAN

- Q1. Hyland Gold and Aurex McQuesten
- Q2. Bulldozer
- Q3. Tara Christie
- Q4. Camp, Cuz, Main, Montrose Ridge
- Q5. Gold