

**ZMM® TransCanada Black Zeolite
Technical Data Sheet for All Particle Sizes**

Revised: January 3, 2019

Principal Zeolite Species: Analcime Zeolite

CHEMICAL FORMULA OF THE MINERAL ASSEMBLAGE		
Phase	Chemical Formula	WT.%
Diopside	$\text{CaMgSi}_2\text{O}_6$	31
Analcime Zeolite	$\text{NaAlSi}_2\text{O}_6 \cdot \text{H}_2\text{O}$	25
Inosilicates/Phyllosilicates	$\sim(\text{Na,Ca})_{0.3}(\text{Al,Mg})_2\text{Si}_4\text{O}_{10}(\text{OH})_2 \cdot n\text{H}_2\text{O}$	12
K-feldspar (orthoclase, sanidine)	KAlSi_3O_8	10
Hematite	$\alpha\text{-Fe}_2\text{O}_3$	8
Calcite	CaCO_3	5
Plagioclase (albite, labradorite)	$\text{NaAlSi}_3\text{O}_8 - \text{CaAl}_2\text{Si}_2\text{O}_8$	5
Maghemite	$\gamma\text{-Fe}_2\text{O}_3$	2
Quartz	SiO_2	2
Total		100



Quarry Area #1 – High Concentrations of Zeolite



TransCanada Zeolite Quarry Area #1