

# BROOKSIDE LABORATORIES, INC. 59081-1

## SOIL AUDIT AND INVENTORY REPORT

Name AT & H Industries Inc. City Maple Ridge State BC

Independent Consultant Almack Agronomic Services Inc. Date 26/10/2012

Sample Location		1.0mm GOLF SAND	-			
Sample Identification						
Lab Number			1066-1			
Total Exchange Capacity (ME/100 g)			1.72			
pH (H <sub>2</sub> O 1:1)			7.2			
Organic Matter (humus) %			0.40			
Estimated Nitrogen Release lb/A			16			
<b>ANIONS</b>	SOLUBLE SULFUR* ppm		5			
	<b>PHOSPHORUS</b>	MEHLICH III lb/A P as PO <sub>5</sub> ppm of P	23			
		BRAY II lb/A P as PO <sub>5</sub> ppm of P	224			
		OLSEN lb/A P as PO <sub>5</sub> ppm of P				
<b>EXCHANGEABLE CATIONS</b>	CALCIUM*	lb/A ppm	450			
	MAGNESIUM*	lb/A ppm	92			
	POTASSIUM*	lb/A ppm	38			
	SODIUM*	lb/A ppm	42			
<b>BASE SATURATION PERCENT</b>						
	Calcium %		65.41			
	Magnesium %		22.29			
	Potassium %		2.83			
	Sodium %		5.31			
	Other Bases %		4.20			
	Hydrogen %		0.00			
<b>EXTRACTABLE MINORS</b>						
	Boron* (ppm)		0.82			
	Iron* (ppm)		149			
	Manganese* (ppm)		70			
	Copper* (ppm)		2.02			
	Zinc* (ppm)		1.37			
	Aluminum* (ppm)		144			
<b>OTHER TESTS</b>	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					

\* Mehlich III Extractable

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## SOIL AUDIT AND INVENTORY REPORT

Name AT & H Industries Inc. City Maple Ridge State BC

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Sample Location		3.0mm GOLF SAND	-			
Sample Identification						
Lab Number			1067-1			
Total Exchange Capacity (ME/100 g)			2.37			
pH (H <sub>2</sub> O 1:1)			6.8			
Organic Matter (humus) %			0.39			
Estimated Nitrogen Release lb/A			16			
<b>ANIONS</b>	SOLUBLE SULFUR* ppm		7			
	<b>PHOSPHORUS</b>	MEHLICH III lb/A P as PO <sub>5</sub> ppm of P	23			
		BRAY II lb/A P as PO <sub>5</sub> ppm of P	220			
		OLSEN lb/A P as PO <sub>5</sub> ppm of P				
<b>EXCHANGEABLE CATIONS</b>	CALCIUM*	lb/A ppm	636			
	MAGNESIUM*	lb/A ppm	106			
	POTASSIUM*	lb/A ppm	44			
	SODIUM*	lb/A ppm	46			
<b>BASE SATURATION PERCENT</b>						
	Calcium %		67.09			
	Magnesium %		18.64			
	Potassium %		2.38			
	Sodium %		4.22			
	Other Bases %		4.60			
	Hydrogen %		3.00			
<b>EXTRACTABLE MINORS</b>						
	Boron* (ppm)		0.60			
	Iron* (ppm)		174			
	Manganese* (ppm)		73			
	Copper* (ppm)		1.52			
	Zinc* (ppm)		1.25			
	Aluminum* (ppm)		153			
<b>OTHER TESTS</b>	Soluble Salts (mmhos/cm)					
	Chlorides (ppm)					

\* Mehlich III Extractable