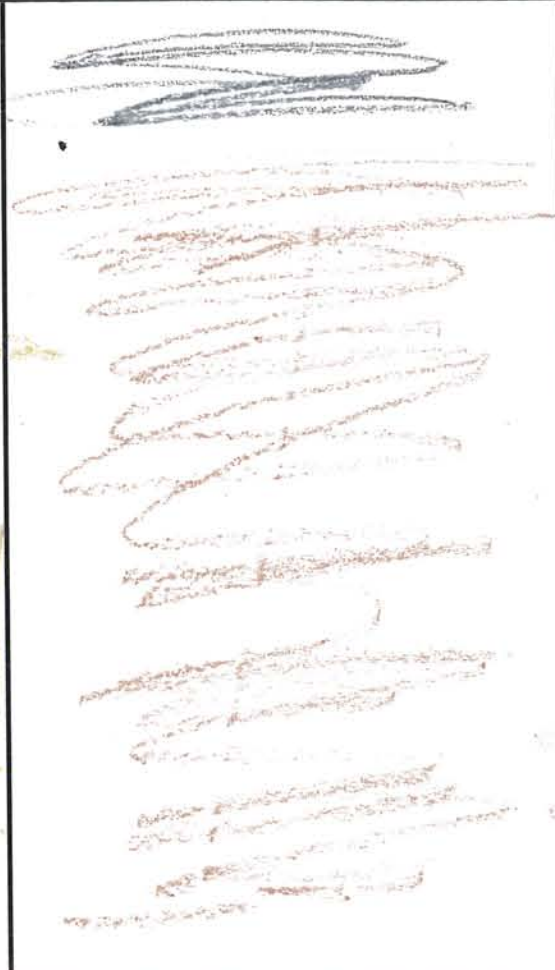


My observations of soil samples

	Soil Sample #1	Soil Sample #2	Soil Sample #3	Soil Sample #4	Soil Sample #5
WHAT I SEE Draw a soil profile					
Treasures I found	root meadow	worm Pine tree	wet land	creek	glass, rock lawn
can you find:					
sand?	✓				
silt?			✓		
clay?	✓		✓		
humus?	✓	✓			

Getting to Know Soil Student Activity - Soil Profiling

Name: Arielle

Date: 3/28/11

My observations of soil samples

	Soil Sample #1	Soil Sample #2	Soil Sample #3	Soil Sample #4	Soil Sample #5
<i>meadow</i> <i>pine tree</i> <i>wetland</i> <i>creek</i> <i>Lawn</i>					
WHAT I SEE Draw a soil profile					
Treasures I found	twigs, roots, little leaves, mulch, grass	roots, twigs, leaves, pine needles, worm	* leaves, roots	grass, rocks, twigs , milk	roots, grass, twigs
can you find:					
sand?					
silt?		✓			✓
clay?	✓	✓	✓		✓
humus?	✓	✓	✓		✓

My observations of soil samples

	Soil Sample #1	Soil Sample #2	Soil Sample #3	Soil Sample #4	Soil Sample #5
WHAT I SEE Draw a soil profile					
Treasures I found	It felt cold and wet			Sparkly Small rocks	
can you find:					
sand?					
silt?					
clay?					
humus?					

My observations of soil samples

	Soil Sample #1	Soil Sample #2	Soil Sample #3	Soil Sample #4	Soil Sample #5
WHAT I SEE Draw a soil profile					
Treasures I found	Worm, Onion, sticks, Leaves, roots	roots, mulch, rocks	Leaves, roots	tiny rocks, milk, broken shells	roots, grass, Leaves
can you find:					
sand?					
silt?	✓		✓	✓	
clay?	✓				✓
humus?	✓	✓			✓

A Soil Field Study - Data Sheet

Name:

blue group

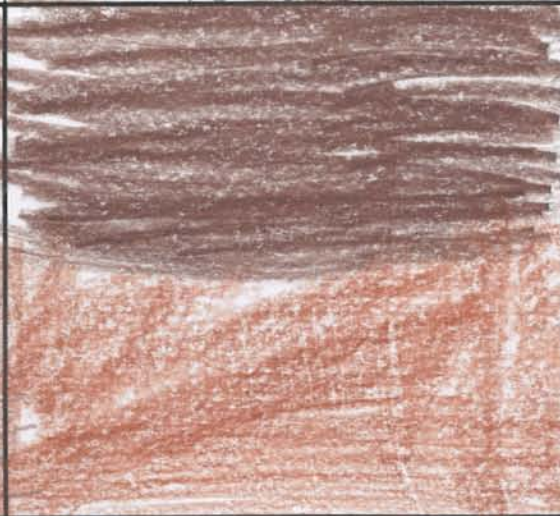
Date:

	Field Location #1 out side class room	Field Location #2 The big tree	Field Location #3
WHAT I SEE Draw a soil profile			
Treasures found	rock 2 worms roots	pine cone rocks grass worms and ant	Worm egg shell
What do you smell?	mostly old basement	pine forest	grass
Can you find:			
sand?			
silt?	✓	✓	
clay?	✓		
humus?			✓
Air Temp.	24.0	21.1	25
Soil Temp.	10.5	9.1	11.1

A Soil Field Study - Data Sheet

Name: Blue group

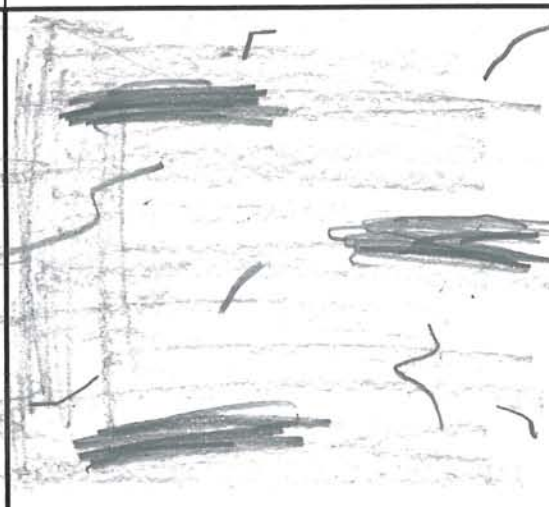
Date:

	Field Location #1 air 26°C ground 11.3°C	Field Location #2 outside the class room	Field Location #3 Front tree
WHAT I SEE Draw a soil profile			
Treasures found	roots little moltch rocks	Grass sticks roots bug	3 worms roots Grass ants
What do you smell?			
Can you find:			
sand?	X	✓	X
silt?	✓	✓	✓
clay?	✓	✓	✓
humus?	✓	X	X
Air Temp.	26°C	25°C	24°C
Soil Temp.	11.3°C	11.5°C	9.5°C

A Soil Field Study - Data Sheet

Name: Red group

Date:

	Field Location #1 outside	Field Location #2 garden	Field Location #3 tree
WHAT I SEE Draw a soil profile			
Treasures found	leaf rock ← 5. Gal cent'ried	half worm half rock	grass, root
What do you smell?	delicious	good enough to eat, hummus wormy	salty, wormy
Can you find:			
sand?	✓	✓	✓
silt?	✓	✓	✓
clay?	✓	✓	✓
humus?	✓	✓	
Air Temp.	26	28.5	25.5
Soil Temp.	14.1	10.7	10.4