

EARTH SCIENCE REGENTS

Surface Processes

Name _____

Per _____

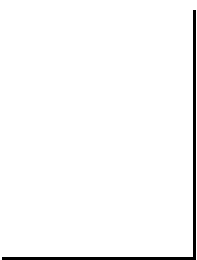
Date _____


By Zach Miller


<u>SPECIFIED RELATIONSHIP</u>		<u>GENERALIZED RELATIONSHIP</u>	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	DRAWING OF BOTH VARIABLES (DRAW COLUMN 2 CONDITIONS TO CAUSE COLUMN 1)	RELATIONSHIP STATEMENT
HIGH RUNOFF	DEGREE OF SATURATION		RELATIONSHIP GRAPH

<u>SPECIFIED RELATIONSHIP</u>		<u>GENERALIZED RELATIONSHIP</u>	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	DRAWING OF BOTH VARIABLES (DRAW COLUMN 2 CONDITIONS TO CAUSE COLUMN 1)	RELATIONSHIP STATEMENT
HIGH PERMEABILITY	PARTICLE SIZE		RELATIONSHIP GRAPH

<u>SPECIFIED RELATIONSHIP</u>		<u>GENERALIZED RELATIONSHIP</u>	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	DRAWING OF BOTH VARIABLES (DRAW COLUMN 2 CONDITIONS TO CAUSE COLUMN 1)	RELATIONSHIP STATEMENT
LOW INFILTRATION	PARTICLE SIZE		RELATIONSHIP GRAPH

SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	RELATIONSHIP STATEMENT	RELATIONSHIP GRAPH
HIGH CAPILLARITY	PARTICLE SIZE	_____	

SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	RELATIONSHIP STATEMENT	RELATIONSHIP GRAPH
LOW RUNOFF	SLOPE	_____	

SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	RELATIONSHIP STATEMENT	RELATIONSHIP GRAPH
HIGH INFILTRATION	SLOPE	_____	

<u>SPECIFIED RELATIONSHIP</u>		<u>GENERALIZED RELATIONSHIP</u>	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	DRAWING OF BOTH VARIABLES (DRAW COLUMN 2 CONDITIONS TO CAUSE COLUMN 1)	RELATIONSHIP STATEMENT
<u>LOW</u> POROSITY	DEGREE OF PACKING		
			RELATIONSHIP GRAPH

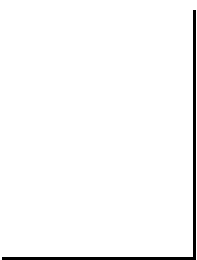
<u>SPECIFIED RELATIONSHIP</u>		<u>GENERALIZED RELATIONSHIP</u>	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	DRAWING OF BOTH VARIABLES (DRAW COLUMN 2 CONDITIONS TO CAUSE COLUMN 1)	RELATIONSHIP STATEMENT
<u>LOW</u> INFILTRATION	FREEZING		
			RELATIONSHIP GRAPH


<u>SPECIFIED RELATIONSHIP</u>		<u>GENERALIZED RELATIONSHIP</u>	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	DRAWING OF BOTH VARIABLES (DRAW COLUMN 2 CONDITIONS TO CAUSE COLUMN 1)	RELATIONSHIP STATEMENT
<u>HIGH</u> EVAPOTRANS-PIRATION	TIME OF DAY		
			RELATIONSHIP GRAPH


SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	RELATIONSHIP STATEMENT	RELATIONSHIP GRAPH
HIGH SURFACE AREA	PARTICLE SIZE		

SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	RELATIONSHIP STATEMENT	RELATIONSHIP GRAPH
HIGH RUNOFF	RAINFALL RATE		

SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	RELATIONSHIP STATEMENT	RELATIONSHIP GRAPH
LOW EVAPOTRANSPIRATION	MONTH OF THE YEAR		

SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	RELATIONSHIP STATEMENT	RELATIONSHIP GRAPH
<u>LOW</u> POROSITY	PARTICLE ROUNDNESS	_____	

SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	RELATIONSHIP STATEMENT	RELATIONSHIP GRAPH
<u>LOW</u> CAPILLARITY	PORE SIZE	_____	

SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	RELATIONSHIP STATEMENT	RELATIONSHIP GRAPH
<u>HIGH</u> INFILTRATION	RAINFALL RATE	_____	

SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	RELATIONSHIP STATEMENT	RELATIONSHIP GRAPH
<u>LOW</u> INFILTRATION	ASPHALT OR CONCRETE SURFACES (TRADITIONAL / NON-POROUS VARIETY)		

SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	RELATIONSHIP STATEMENT	RELATIONSHIP GRAPH
<u>HIGH</u> INFILTRATION	PLANT GROWTH		

SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	RELATIONSHIP STATEMENT	RELATIONSHIP GRAPH
<u>HIGH</u> INFILTRATION	DEGREE OF SATURATION		

SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
DEPENDENT VARIABLE (THE RESULT & Y-AXIS VARIABLE)	INDEPENDENT VARIABLE (CAUSES THE RESULT & X-AXIS VARIABLE)	DRAWING OF BOTH VARIABLES (DRAW COLUMN 2 CONDITIONS TO CAUSE COLUMN 1)	RELATIONSHIP STATEMENT
			RELATIONSHIP GRAPH

SPECIFIED RELATIONSHIP		GENERALIZED RELATIONSHIP	
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			RELATIONSHIP GRAPH

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			RELATIONSHIP GRAPH