

## // Procedural Terrain.shader

```
_ShoreLimit("Shore Limit", Range(0.05, 0.1 )) = 0.05

_ShoreMultiplier ("Shore Multiplier", Range(1, 4 )) = 2
_IntensityMultiplier("Intensity Multiplier", Range(0.0001, 0.02)) = 0.015
}
```

```
...
float _ShoreLimit;

float _ShoreMultiplier;
float _IntensityMultiplier;
...
```

As with the **Limit** properties, we tell **ShaderLab**...  
what shader properties to look for...

what the labels to display for the properties in the  
inspector should be...

what **Property Drawer** type to use...

and the default values to assign to the properties

**NOTE:** For **\_ShoreMultiplier** the range min,  
range max,  
and default value...

could be either integers or floating point numbers

How does **ShaderLab**/Unity know which of these  
types to use for this range?

We tell it explicitly when we define **\_ShoreMultiplier**  
in the **SubShader > Pass > CGPROGRAM** section

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types to use for this range?

We tell it explicitly when we define **\_ShoreMultiplier**  
in the **SubShader > Pass > CGPROGRAM** section  
Without this type declaration **ShaderLab**/Unity would  
have no way to determine which data type is correct  
in situations like this