

```
half_float::detail  
::conditional< std::  
numeric_limits< unsigned  
int >::digits >
```

```
unsigned int
```

```
unsigned long
```

```
half_float::detail  
::bits< float >
```

```
graph LR; A["half_float::detail::bits<float>"] --> B["half_float::detail::conditional<std::numeric_limits<unsigned int>::digits>"]; A --> C["unsigned int"]; A --> D["unsigned long"];
```

The diagram illustrates the evaluation of the expression `half_float::detail::bits<float>`. Three arrows originate from this expression box and point to three other boxes: the `half_float::detail::conditional<std::numeric_limits<unsigned int>::digits>` box, the `unsigned int` box, and the `unsigned long` box. This represents the conditional compilation logic where the compiler selects the appropriate integer type and its digit count based on the value of `bits<float>`.