

# R documentation

of 'PearceDesctructive3.Rd'

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PearceDestructive3	<i>Nb/Y - Ti/Y (Pearce 1982)</i>
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## Description

Assigns data for Nb/Y vs. Ti/Y binary diagram into Figaro template (list 'sheet') and appropriate values into 'x.data' and 'y.data'.

## Usage

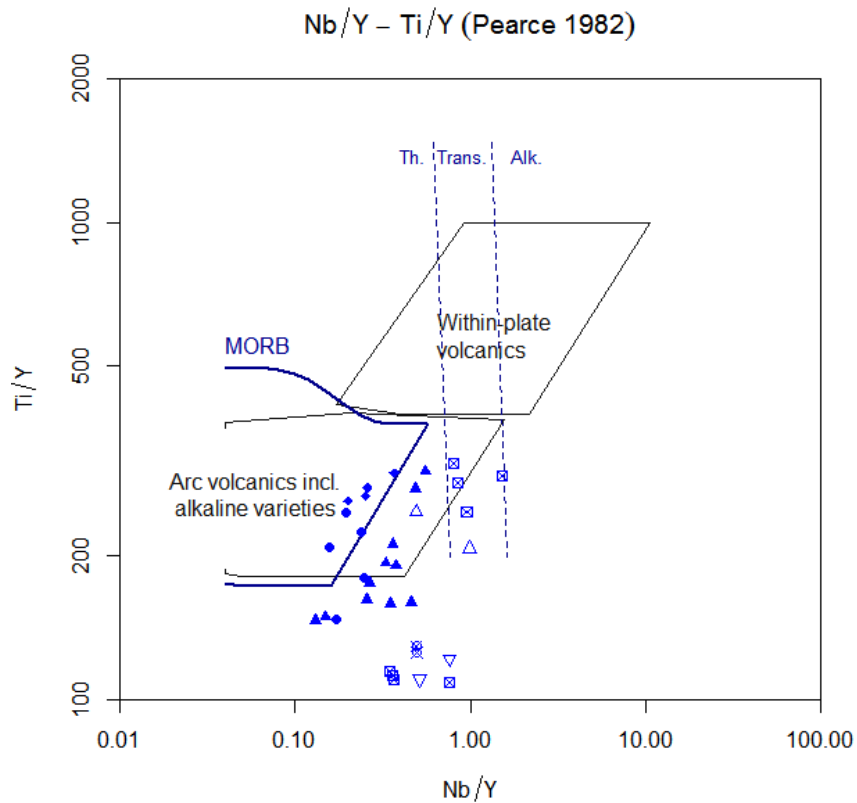
```
PearceDestructive3()
```

## Arguments

None.

## Details

The binary plot Nb/Y vs. Ti/Y of *Pearce (1982)* serves for geotectonic discrimination of volcanic-arc basalts. In addition, it can distinguish between the tholeiitic, calc-alkaline and shoshonitic types.



### Value

sheet	list with Figaro Style Sheet data
x.data	x coordinates
y.data	y coordinates

### Author(s)

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### References

Pearce JA (1982) Trace element characteristics of lavas from destructive plate boundaries. In: Thorpe RS (eds) *Andesites; Orogenic Andesites and Related Rocks*. John Wiley & Sons, Chichester, pp 525-548

Coordinates and graph layout are taken from website of [Kurt Hollocher](#).

### See Also

[figaro plotDiagram](#)

### Examples

```
# plot the diagram
# assuming a dataset is loaded, of course!
```

```
## Not run:  
plotDiagram("PearceDestructive3",FALSE,TRUE)  
  
## End(Not run)
```