Bude

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Bude, Western England

Road Map

```
library(ggmap)

## Warning: package 'ggmap' was built under R version 3.4.3

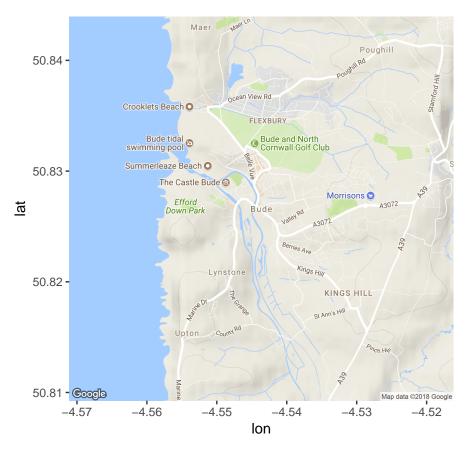
## Loading required package: ggplot2

## Warning: package 'ggplot2' was built under R version 3.4.3

road <- get_map(location = "Bude", zoom = 14)

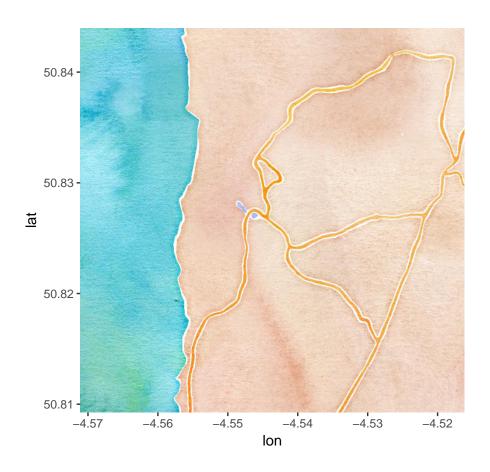
## Map from URL : http://maps.googleapis.com/maps/api/staticmap?center=Bude&zoom=14&size=640x640&</pre>
```

Map from URL : http://maps.googleapis.com/maps/api/staticmap?center=Bude&zoom=14&size=640x640&scale=
Information from URL : http://maps.googleapis.com/maps/api/geocode/json?address=Bude&sensor=false
ggmap(road)



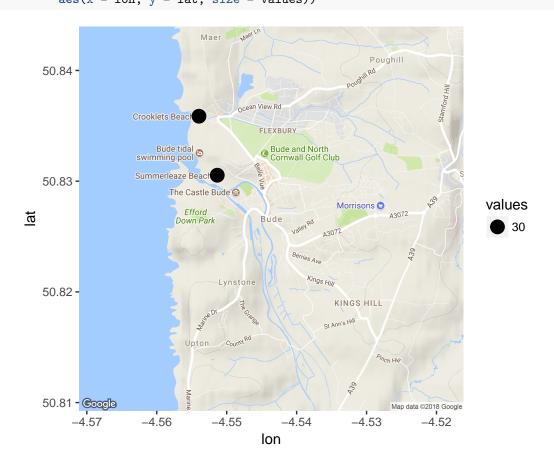
Watercolor Map

```
watercolor <- get_map(location = "Bude", maptype = "watercolor", zoom = 14)</pre>
## maptype = "watercolor" is only available with source = "stamen".
## resetting to source = "stamen"...
## Map from URL: http://maps.googleapis.com/maps/api/staticmap?center=Bude&zoom=14&size=640x640&scale=
## Information from URL: http://maps.googleapis.com/maps/api/geocode/json?address=Bude&sensor=false
## Map from URL : http://tile.stamen.com/watercolor/14/7983/5496.jpg
## Map from URL : http://tile.stamen.com/watercolor/14/7984/5496.jpg
## Map from URL: http://tile.stamen.com/watercolor/14/7985/5496.jpg
## Map from URL: http://tile.stamen.com/watercolor/14/7986/5496.jpg
## Map from URL: http://tile.stamen.com/watercolor/14/7983/5497.jpg
## Map from URL : http://tile.stamen.com/watercolor/14/7984/5497.jpg
## Map from URL : http://tile.stamen.com/watercolor/14/7985/5497.jpg
## Map from URL: http://tile.stamen.com/watercolor/14/7986/5497.jpg
## Map from URL : http://tile.stamen.com/watercolor/14/7983/5498.jpg
## Map from URL : http://tile.stamen.com/watercolor/14/7984/5498.jpg
## Map from URL: http://tile.stamen.com/watercolor/14/7985/5498.jpg
## Map from URL : http://tile.stamen.com/watercolor/14/7986/5498.jpg
ggmap(watercolor)
```



Vacation Spots in Bude: Summerleaze Beach and Crooklets Beach

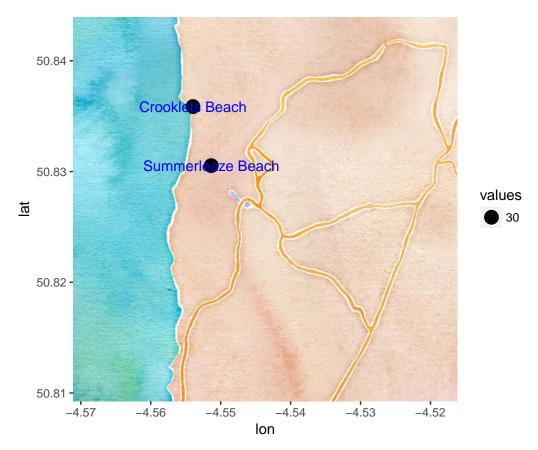
Road Map



Watercolor Map

```
ggmap(watercolor) +
geom_point(data = df,
```

```
aes(x = lon, y = lat, size = values)) +
geom_text(data = df,
    aes(x = lon, y = lat, label = location),
    color = 'blue')
```



Route from Bude North Cornwall Cricket Club to Crooklets Inn Pub

```
from <- "Bude North Cornwall Cricket Club"</pre>
to <- "Crooklets Inn"
route_df <- route(from, to, structure = "route")</pre>
df_pub <- data.frame(location = c("Crooklets Inn",</pre>
                                "Bude North Cornwall Cricket Club"),
                    values = c(15, 15),
                    stringsAsFactors = FALSE)
locs_geo <- geocode(df_pub$location)</pre>
## Information from URL : http://maps.googleapis.com/maps/api/geocode/json?address=Crooklets%20Inn&sens
## Information from URL: http://maps.googleapis.com/maps/api/geocode/json?address=Bude%20North%20Cornw
df_pub <- cbind(df_pub, locs_geo)</pre>
map <- get_map(location = "Crooklets Beach", zoom = 16)</pre>
## Map from URL: http://maps.googleapis.com/maps/api/staticmap?center=Crooklets+Beach&zoom=16&size=640
## Information from URL : http://maps.googleapis.com/maps/api/geocode/json?address=Crooklets%20Beach&se
ggmap(map) +
  geom_point(data = df_pub,
            aes(x = lon, y = lat, size = values)) +
  geom_text(data = df_pub,
           aes(x = lon, y = lat, label = location),
           color = 'blue') +
  geom_path(aes(x = lon, y = lat),
           colour = "red",
           size = 1.5,
           data = route_df,
           lineend = "round")
```

