



FORMATION

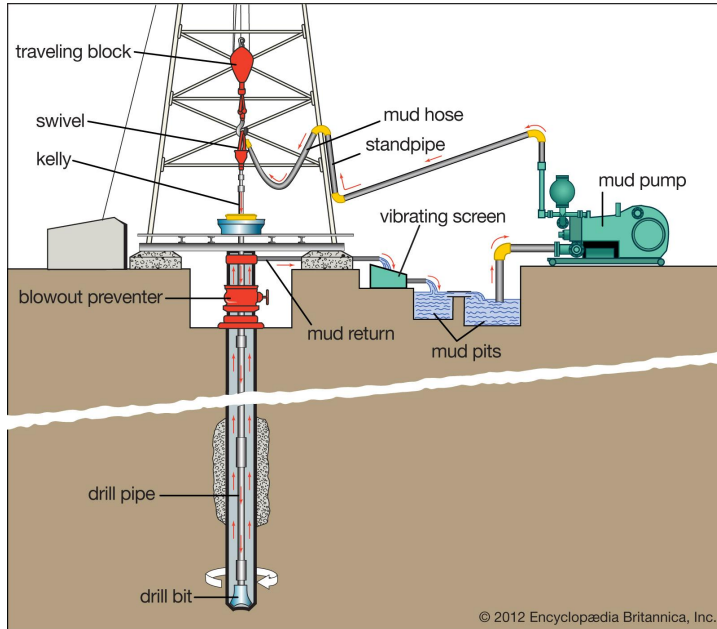
FINDER

BY RYAN SCRIBNER

WHAT IS A DRILLING RIG?

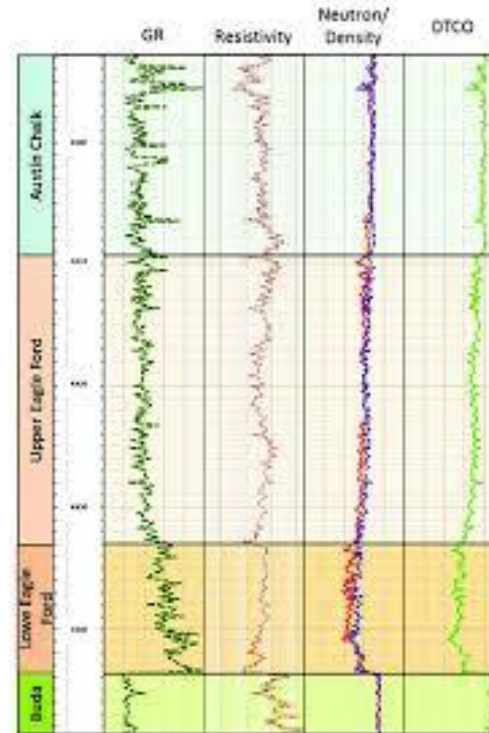
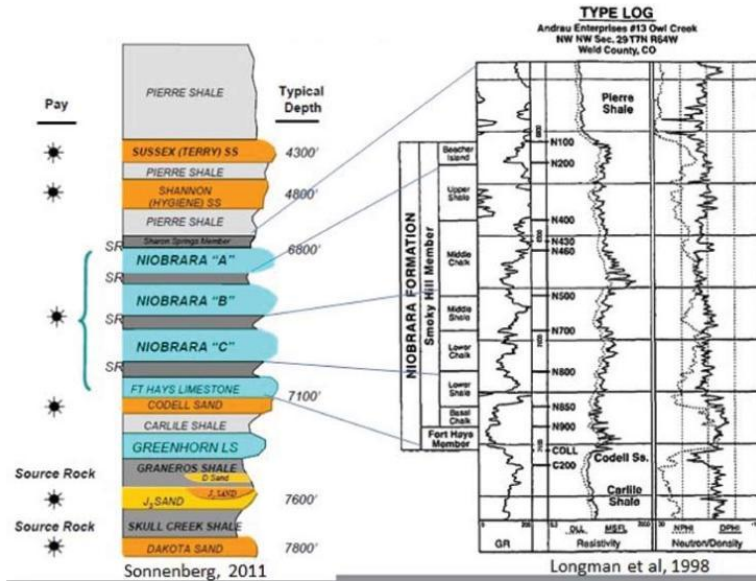


HOW DOES A DRILLING RIG WORK?

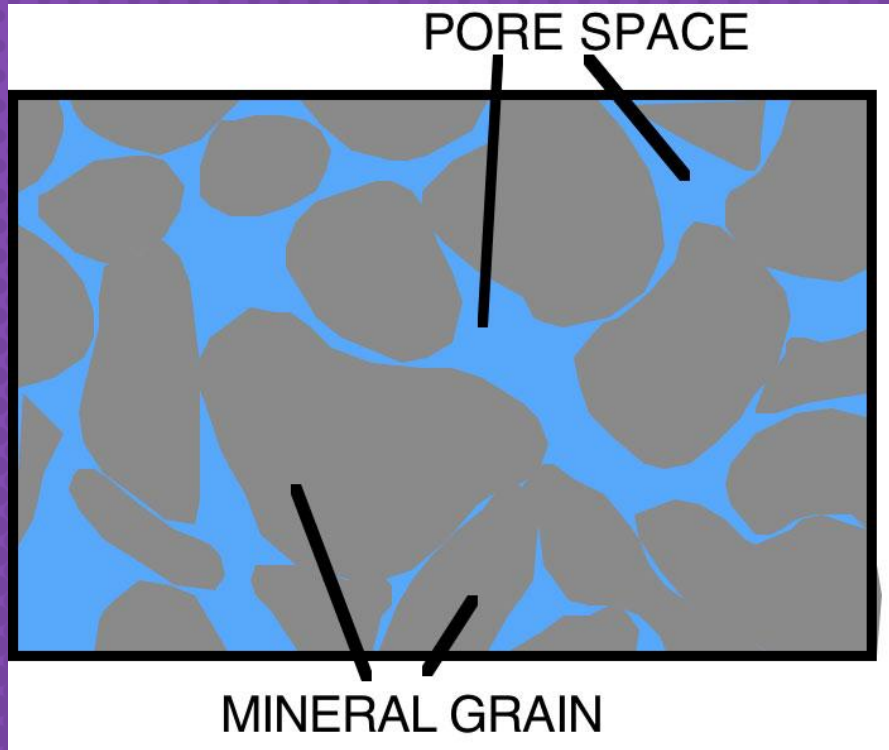


BHA

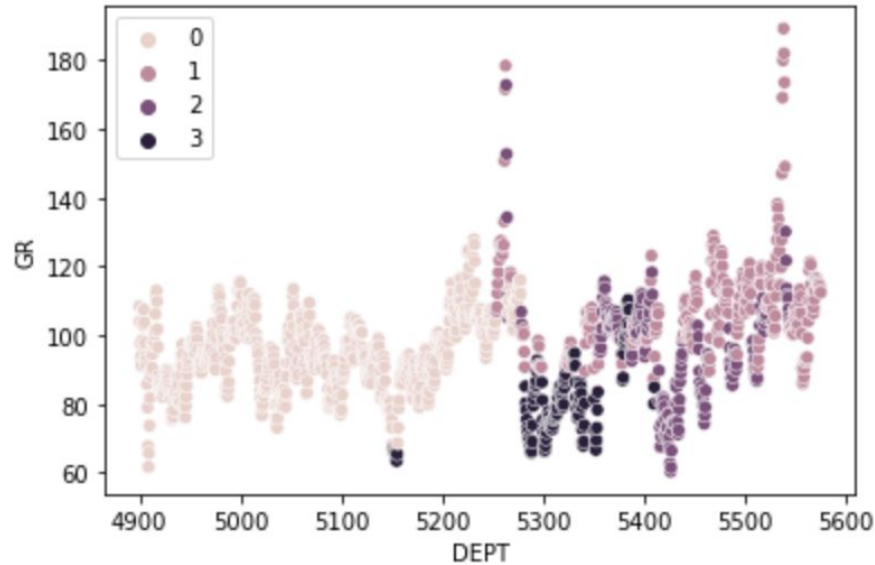
WHAT IS A TYPE LOG?!



POROSITY



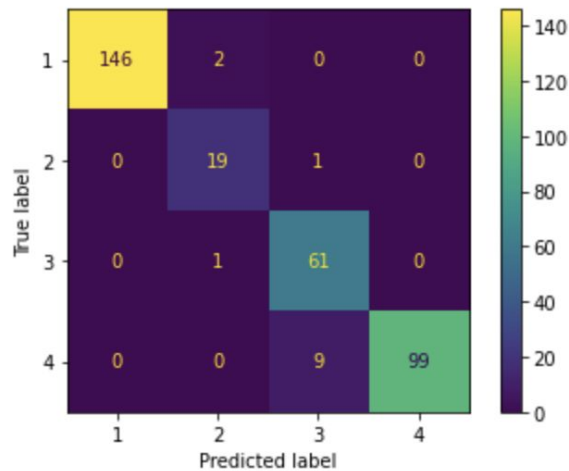
SUPERVISED LEARNING...



	DEPT	DPHI	GR	ILD	FORMATION
0	4899.5	5.025	108.452	9.543	1
1	4900.0	4.945	104.012	10.139	1
2	4900.5	4.549	97.739	11.076	1
3	4901.0	4.311	93.312	11.531	1
4	4901.5	4.153	91.193	11.970	1

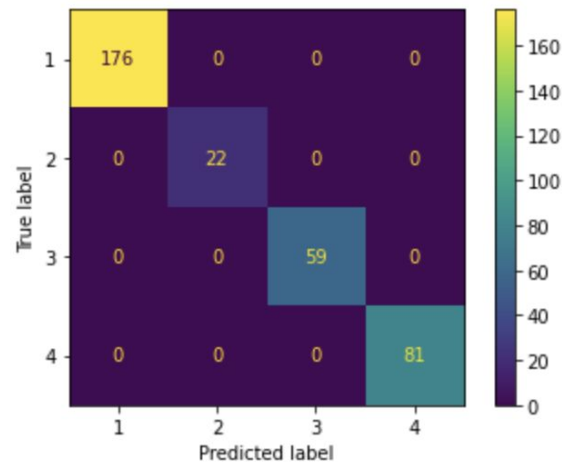
K-MEANS

MODEL RESULTS :D



```
knn.score(X_test, y_test)
```

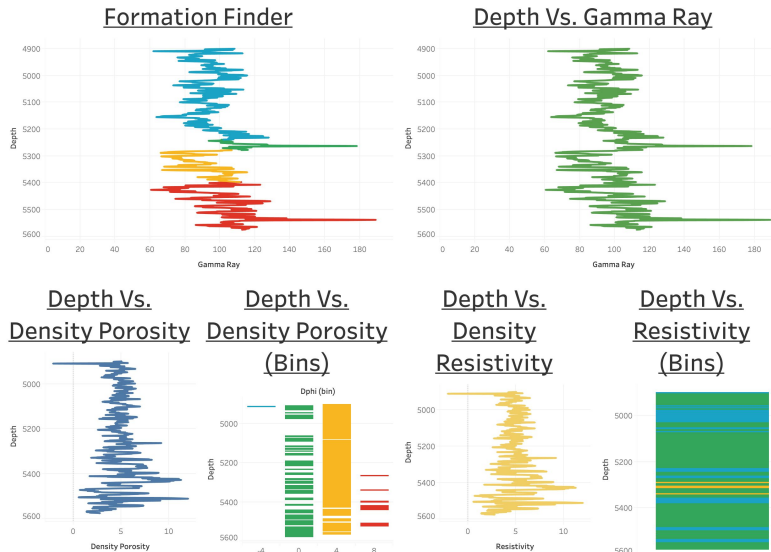
0.9763313609467456



```
rfc.score(X_test, y_test)
```

1.0

HOW DO WE MAKE THESE MODELS USABLE??



DASHBOARD!!

FUTURE DEVELOPMENTS:

- 1. BETTER DASHBOARD.***
- 2. MORE AREAS OF INTEREST (LIMITED DATA).***
- 3. UPLOAD BUTTON.***
- 4. MORE TECHNICAL!***



CONCLUSION



REFERENCES

Special thanks to:

Jason Harms, President of TD Geosteering!

https://en.wikipedia.org/wiki/Gamma_ray_logging

<https://en.wikipedia.org/wiki/Porosity>

https://en.wikipedia.org/wiki/Resistivity_logging