Geology – Riddles in Rhyme

What are these riddles referring to?

Minerals
All joined together,
In hard form
In any weather.

Wind and water
Break down each
Part until they
Form the beach.

Plants depend
On starting here,
Roots reach through
For food that's near.

Hot and melted
Far below;
On the top,
Give rocky show.

Little grains
Compact & pressed
When, as rock
Are smoothly dressed.

Rocks of stripe
Encounter change,
Known for how
They rearrange.

A line in the sand?
No—further below:
A meeting of plates,
Whose movement is slow.

The work of fast water
Or wind on the move,
A change that wears down
Or carves telltale groove.

Rock / sand / soil / igneous rock /sandstone/ metamorphic rock / fault / erosion