

Steven Morgan Mech Exam
(201408)

(4) For this Project I would Consider
a) Ceramics, Composites and Metals.

Ceramics

Ceramics would be great due their Great Properties. These include, High melting Points, Hardness and Strength, Good durability and a low thermal and electrical conductivity.

Composites

Good resistance to Creep Fatigue and Corrosion.
Cheap, hard wearing and light.

Metals

Metals would be a good choice due to its Cheap Price, Mechanical Strength, accessibility and easy Formations.

B) I would not Consider Foams, Natural Materials and Polymers.

Foams

I would not choose Foams due to its Properties. The foam will be too weak to hold the weight of the Camera and won't be able to handle the harsh temperatures of Mars.