

a. Segment 1: <sup>shielded</sup> Twisted pair cable would be appropriate because it is a short distance that has to be travelled. But it must be strong.

Segment 2: Satellite would be used because it is hard to put cables through a mountain range.

Segment 3: Shielded twisted pair because the cable must be strong and weather proof.

Segment 4 Telephone cable would be used because it is available and tough.

b. The advantages of using this for Jill are that she doesn't need to find a land line and internet connection to share data. It is quicker and saves her time when travelling. She can perform the task from anywhere. Makes it easy for her to meet deadlines.

c.

c. Because she would have the appropriate fields to look at, it would be much quicker when looking at the attributes. She ~~would~~ would use the data dictionary.

as a reference model. It would be quicker and easier  
for Jill to write the SQL queries.