



Arctic Impact

Asteroid Impact Data Sheet #2

Table #1 Ice Asteroid

Trial #	Asteroid Diameter (m)	Trajectory Angle (°)	Object Velocity (km/s)	Crater Diameter (m)
1	1000	1	30	
2	↓	25	↓	
3		45		
4		65		
5		90		

Table #2 Porous Rock Asteroid

Trial #	Asteroid Diameter (m)	Trajectory Angle (°)	Object Velocity (km/s)	Crater Diameter (m)
1	1000		30	
2	↓		↓	
3				
4				
5				

Table #3 Dense Rock Asteroid

Trial #	Asteroid Diameter (m)	Trajectory Angle (°)	Object Velocity (km/s)	Crater Diameter (m)
1	1000		30	
2	↓		↓	
3				
4				
5				

Table #4 Iron Asteroid

Trial #	Asteroid Diameter (m)	Trajectory Angle (°)	Object Velocity (km/s)	Crater Diameter (m)
1	1000		30	
2				
3				
4				
5				

Crater Diameter vs. Trajectory Angle

