



Arctic Impact

Asteroid Impact Data Sheet #1

Table #1 Ice Asteroid

Trial #	Asteroid Diameter (m)	Trajectory Angle (°)	Object Velocity (km/s)	Crater Diameter (m)
1	500	45	30	
2	1000	↓	↓	
3	1500			
4	2000			
5	2500			

Table #2 Porous Rock Asteroid

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

Table #3 Dense Rock Asteroid

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

Table #4 Iron Asteroid

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

Crater Diameter vs. Asteroid Size

