

Simulant	Info	Type	Contact Info
United States:			
ALS	Arizona Lunar Simulant <i>Desai et al., 1993</i>	Low-Ti Mare (geotechnical)	
BP-1	KSC / Arizona Black Point quarry waste (Basalt) ; using for large excavation exercises with BLADE <i>Rahmatian & Metzger, in press</i>	Low-Ti mare (geotechnical)	Rob Mueller/KSC
CSM-CL	Colorado School of Mines – Colorado Lava <i>Unpublished</i>	geotechnical	
GCA-1	Goddard Space Center <i>Taylor et al., 2008</i>	Low-Ti mare (geotechnical)	
GRC-1 & -3	Glenn Research Center (Sand, clay mixture used in SLOPE Facility for mobility/excavation) <i>Oravec et al., in press</i>	Geotechnical: standard vehicle mobility lunar simulant	Allen Wilkinson/GRC
GSC-1	Goddard “Simulant”; material from local site that is being used for drilling tests		Peter Chen/GSFC
JSC-1*	Johnson Space Center <i>McKay et al., 1994</i>	Low-Ti mare (general use)	no longer available
JSC-1A , -1AF, -1AC	Orbitec created under a NASA contract .	Low-Ti mare (general use) (JSC-1A was produced from the same source material after a gap of some years when JSC-1 ran out)	http://orbitec.com/store/simulant.html
MKS-1	<i>Carpenter, 2005</i>	Low-Ti mare (intended use unknown)	
MLS-1*	Minnesota Lunar Simulant <i>Weiblen et al., 1990</i>	High-Ilmenite mare (general use)	no longer available (created in the 1980s)
MLS-1P*	<i>Weiblen et al., 1990</i>	High-Ti mare (experimental, not produced in bulk although small quantities were distributed)	
MLS-2*	<i>Tucker et al., 1992</i>	Highlands (general use)	
NU-LHT - 1M, -2M, -1D, -2C	NASA/USGS Highland Type Simulant (Chemical/Mineralogical & Physical Properties) <i>Stoesser et al., 2009</i>	Highlands (general use)	Carole McLemore 256-544-2314 Carole.A.McLemore@nasa.gov http://isru.msfc.nasa.gov
Others			

International:			
CAS-1	China (Chinese Academy of Sciences) a basaltic simulant made to represent Apollo 14 <i>Zheng et al., 2008</i>	Low-Ti mare (general use)	
CLRS-1	Chinese Lunar Regolith Simulant <i>Chinese Academy of Sciences, 2009</i>	Low-Ti mare (general use?)	
CLRS-2	<i>Chinese Academy of Sciences, 2009</i>	High-Ti mare (general use?)	
CUG-1	China <i>He et al., 2010</i>	Low-Ti mare (geotechnical)	presentation at LPSC 2010 conference
NAO-1	NAO-1, National Astronomical Observatories, Chinese Academy of Sciences <i>Li et al., 2009</i>	Highlands (general use)	
TJ-1 , TJ-2	China (Tongji University) ; a basaltic ash feedstock with olivine and glass <i>Jiang et al., in press</i>	Low-Ti mare (geotechnical)	presentation at Earth & Space 2010: Jiang M.J., Liqing Li, Chuang Wang, He Zhang, A New Lunar Soil Simulant in China, in press, Earth&Space, 2010 the 12th Biennial International Conference on Engineering, Science, Construction and Operations in Challenging Environments.
CHENOBI	Canada (Physical & Chemical properties simulant)	Highlands (geotechnical)	http://www.evcltd.com/index_005.htm
OB-1	Canada Olivine-Bytownite <i>Battler & Spray, 2009</i>	Highlands (general use geotechnical)	Jim Richard PH: 705-521-8324 x205 / jrichard@norcat.org http://www.norcat.org/innovation-regolith.aspx
FJS-1 (type 1) FJS-1 (type 2) FJS-1 (type 3)	Fuji Japanese Simulant <i>Kanamori et al., 1998</i>	Low-Ti mare Low-Ti mare High-Ti mare (general use)	http://www.shimz.co.jp/english/index.html
Oshima base simulant	<i>Sueyoshi et al., 2008</i>	High-Ti mare (general use)	
Kohyama base simulant	<i>Sueyoshi et al., 2008</i>	Intermediate between highlands and mare (general use)	
KOHL-1	Korea Koh Lunar Simulant <i>Jiang et al. 2010</i>	Low-Ti mare (geotechnical)	presentation at Earth & Space 2010: Experimental Study of Waterless Concrete for Lunar Construction by Sung Won Koh, Jaemin Yoo, Leonhard Bernold, and Tai Sik Lee, Hanyang University, Korea.
Others - This may not be a complete listing.			