

ESTIMATED SOIL PROPERTIES*								
SOIL UNIT	SLOPE RANGE (%)	DEPTH TO BEDROCK (in)	DEPTH TO WATER TABLE INDIC. (in)	OPTIM. TRENCH DEPTH (in)	SUITABILITY CODES**	ESTIMATED PERC. RATE Depth (in) Rate(min/in)		MAX. HYD. LOAD. RATE (gpd/s.f.)
GROVER	0-25	>60	>60	30	GE1	18-29 30-42	60 45	0.10@8-12"
MADISON	0-25	>60	>60	36	GE1	24-35 36-48	60 45	0.10@8-12"
MTN. PARK	0-25	>54	>54	30	GE1	18-29 30-42	60 45	0.10@8-12"
TALLAPOOSA	0-25	30	>30	N/R	GE6	N/R N/R	N/R N/R	0.15@8-12"
*All depth references are with respect to the original grade at the time of this inspection.								
** Areas with slopes greater than 25% are considered marginal for OSMS construction. DPH may require site modification or deeper installation to overcome this limitation.								

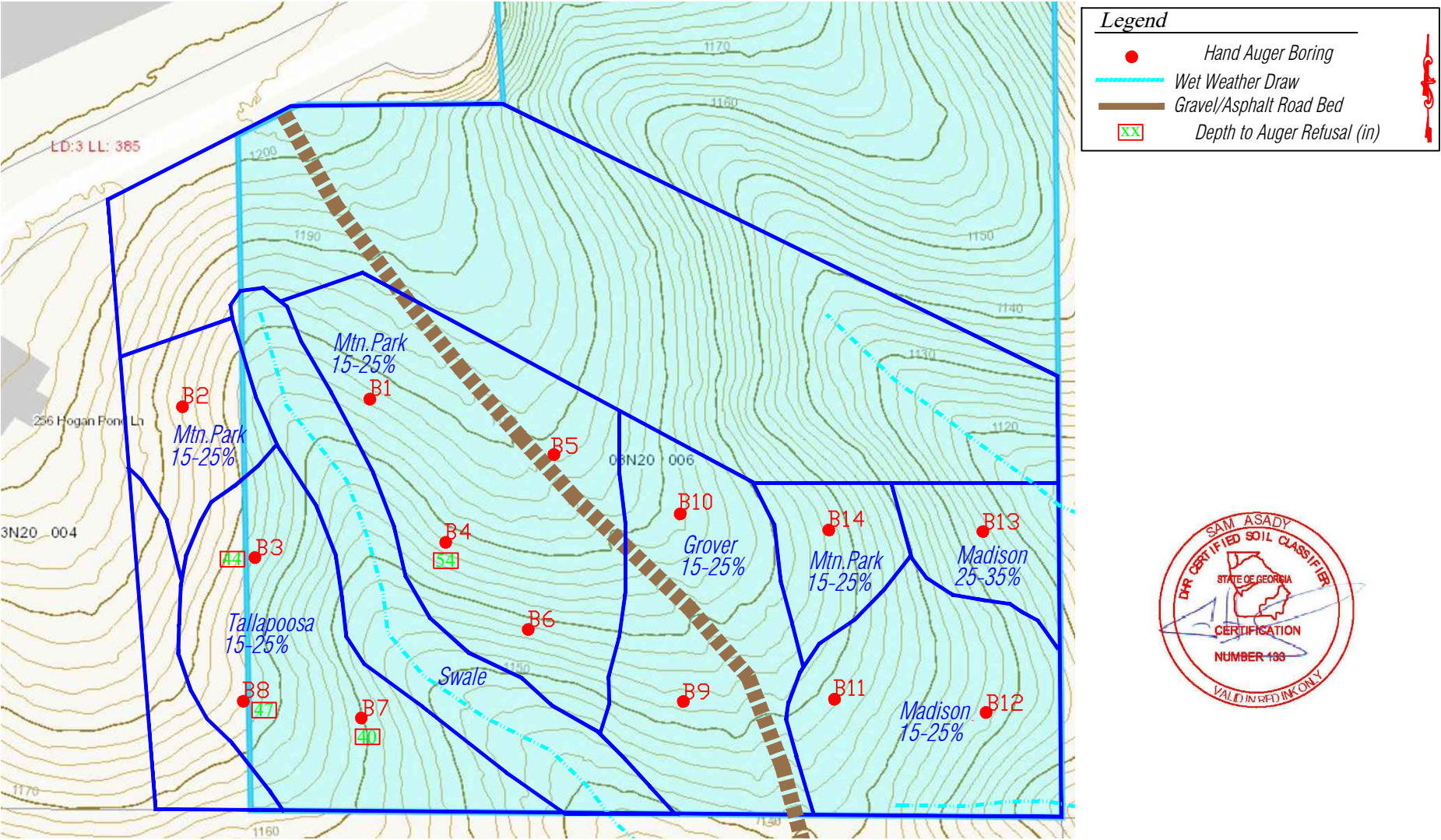
SUITABILITY CODES DESCRIPTION

GE1- These soils should have the capacity to function as suitable media for a conventional septic system absorption field provided that the system is properly designed, installed and maintained.

GE6- Depth to bedrock, as determined by auger refusal, is generally not sufficient to accommodate a conventional septic system. If this area is to be used for a drain field, a backhoe should be used to further evaluate the rock conditions and soil suitability. An alternative system may also be considered for these soils.

NOTES

- A Trimble Geo-7X GPS was used to locate all borings. The property boundaries and topographic information (if shown) are the compilation of the County GIS online maps and/or a property plat provided by client or project engineer. Either way, such information should be considered approximate, prudent to ground check before any excavation.
- The recommendations set forth in this report are based on site/soil conditions at the time of this study and professional judgement of the soil scientist/classifier. They are merely professional opinions and imply no guarantee or warrantee of performance of any particular system installed.
- This study was conducted in a manner consistent with that level of care and skills ordinarily exercised by members of the profession currently practicing under similar conditions. No other warranties or guarantees, either expressed or implied, are given.
- All drainage features such as gullies, ephemeral, perennial and intermittent streams are considered unsuitable for septic system construction. All existing road cuts, trails, building sites/pads and other existing structures are considered unsuitable for septic system construction until further investigation.
- We did not see evidence of any well on the subject property. However, because wells require 100 feet set back, it shall be the responsibility of buyer/owner/agent to make sure there is no well on the subject property or the neighboring properties that would have a negative impact on this site.
- The areas proposed for a drain field should not be disturbed. If such areas are cut and or filled by more than a foot this soil evaluation should be considered null and void requiring further investigation.



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