Revised Final Construction Report

2024 – 2025 Temperature Monitoring Probe Installation at the Chiquita Canyon Landfill Castaic, California

Mr. William Haley
Chiquita Canyon, LLC
29201 Henry Mayo Drive
Castaic, CA 91384

SCS ENGINEERS

01204123.45 | June 6, 2026

3900 Kilroy Airport Way, Suite 300
Long Beach, California 90806
562-426-9544

Table of Contents

Tables

Appendices

1 INTRODUCTION

SCS Engineers (SCS) was retained by Chiquita Canyon, LLC to design, construct and install temperature monitoring probes (TMP/probe) at the Chiquita Canyon Landfill (Chiquita/Site), located in Castaic, California. The installation process involved the placement of a total of twenty (20) TMPs.

The following supporting documents are included as attachments to this report:

- Boring and as-built temperature monitoring probe completion logs, prepared by SCS or Tetra Tech, are included in *Appendix A*.
- Solid Waste Borehole Temperature Profiles in *Appendix B.*
- Temperature Monitoring Probe Site Map in *Appendix C*.

2 CONSTRUCTION SUMMARY

The 2024–2025 TMP project included the design, construction, and installation of twenty (20) new probes, which were drilled between November 15, 2024, and December 11, 2025. A comprehensive Construction Quality Assurance (CQA) program was implemented throughout the drilling and installation activities to verify compliance with the approved design criteria and Local Enforcement Agency (LEA) requirements.

The probe borings were drilled by the subcontractors Cascade Remediation Services, LLC (Cascade) and Boart Longyear using the following drilling equipment:

- A GEFCO 50K truck-mounted mud rotary drilling rig equipped with an 8.6-inch-diameter hollow-stem auger.
- A ProSonic 600T truck-mounted sonic drilling rig utilizing 4-inch- to 6-inch-diameter sonic tooling and high-frequency resonant energy for advancement.
- A Boart Longyear LS 450 truck-mounted sonic drilling rig utilizing 6-inch- to 8-inch-diameter sonic tooling and high-frequency resonant energy for advancement.

All twenty (20) probes were constructed as single-completion installations, with boring depths ranging from approximately 50 feet to 320 feet below ground surface. A summary of the probe boring depths is provided in **Table 1**. Probe locations are presented in **Appendix C** for reference.

Table 1. Temperature Monitoring Probe Boring Depths

Probe ID	Date Installed	Total Bore Depth (feet)	Total Probe Depth (feet)
TP-21	2/6/2025	110	110
TP-22	11/12/2025	147	30
TP-23	10/22/2025	107	80
TP-24	1/24/2025	320	320
TP-25	12/10/2024	138	138
TP-26	12/17/2024	159	159
TP-27	12/5/2024	154	154
TP-28	12/23/2024	173	173

Probe ID	Date Installed	Total Bore Depth (feet)	Total Probe Depth (feet)
TP-29	11/27/2024	245	245
TP-30	11/22/2024	200	200
TP-31	11/15/2024	290	290
TP-32	12/12/2024	196	196
TP-33	12/11/2025	50	48
TP-34	12/3/2024	124	124
TP-35	12/19/2024	142	142
TP-36	6/25/2025	250	250
TP-37	8/25/2025	180	180
TP-38	9/4/2025	250	250
TP-39	9/18/2025	190	190
TP-40	9/24/2025	220	220
	Total	**3645**	**3499**

Probe construction consisted of drilling to achievable depths, based on field conditions, and installing a solid, 2-inch-diameter stainless steel casing. The original design called for soil backfill to be placed to within 5 feet of the ground surface, followed by a 2-foot bentonite seal, with the remaining annular space backfilled with soil to finish grade. However, based on field observations and site conditions encountered during drilling operations, the final backfill completion varied across probe locations.

The as-built borehole backfill configurations are summarized below:

- Probes TP-25, TP-26, TP-27, TP-28, TP-32, TP-34, TP-35, and TP-36 were completed with soil backfill, a 1-foot-thick upper bentonite plug, and soil backfill to ground surface.
- Probe TP-33 was completed with soil backfill and a 1-foot-thick upper bentonite seal to ground surface.
- Probes TP-29, TP-30, TP-31, TP-37, TP-38, TP-39, and TP-40 were completed with soil backfill, a 2-foot-thick upper bentonite plug, and soil backfill to ground surface.
- Probe TP-24 was completed with soil backfill and a 5-foot-thick upper bentonite plug to ground surface.
- Probe TP-23 was completed with soil backfill and a 15-foot-thick upper bentonite plug extending to ground surface.
- Probe TP-21 was completed with soil backfill and both upper and lower 2-foot-thick bentonite plugs separated by soil backfill.
- Probe TP-22 included the placement of approximately 65 feet of bentonite grout due to elevated subsurface pressures encountered during drilling and to provide additional borehole stabilization.

The thickness and configuration of bentonite plugs were selected based on field conditions, including elevated subsurface temperatures and pressure conditions. Detailed borehole backfill configurations and casing lengths are provided in the probe drilling logs included in **Appendix A**.

Upon completion of each probe, the stainless-steel casings were capped with a 2-inch flanged sensor assembly to prevent the emission of landfill gas prior to the thermocouple system installation. Each probe casing was also fitted with Cleveland Electric Model MGO-K-3-4-U thermocouples at the designated depth intervals listed in **Table 2** below. Thermocouple depth intervals were evaluated following probe casing installation and subsequently established at designated depths based on further site evaluation.

Table 2. Probe As-Built Thermocouple Depths

Probe ID	Thermocouple Depth (ft.)							
TP-21	15	30	45	60	70	85	95	110
TP-22	15	-	-	-	-	-	-	-
TP-23	15	30	45	75	-	-	-	-
TP-24	15	30	45	100	155	210	265	320
TP-25	15	30	45	60	75	90	110	130
TP-26	15	30	45	60	80	100	125	150
TP-27	15	30	45	60	80	100	1250	150
TP-28	15	30	45	70	95	120	145	170
TP-29	15	30	45	80	120	160	200	240
TP-30	15	30	45	70	100	130	160	190
TP-31	15	30	45	80	130	180	230	280
TP-32	15	30	45	70	100	130	160	190
TP-33	15	30	45	-	-	-	-	-
TP-34	15	30	45	60	75	90	110	120
TP-35	15	30	45	65	85	105	125	140
TP-36	15	30	45	75	120	165	210	250
TP-37	15	30	45	75	100	130	155	180
TP-38	15	30	45	75	120	165	210	250
TP-39	15	30	45	75	105	135	160	-
TP-40	15	30	45	75	110	155	185	220

SCS field CQA personnel were onsite during the drilling and installation of probe casings TP-22, TP-23, and TP-33 observing construction activities. The remainder of the construction oversight during the drilling and installation of the remaining seventeen (17) probe casings was provided by Tetra Tech personnel. All probe construction activities were documented in the drilling logs included in **Appendix A**. Contractor activities were inspected daily to verify compliance with project specifications.

A link to download refuse photographs collected during drilling operations between November 15, 2024, and December 11, 2025, is provided here:

2024 - 2025 TMP (TP-21 - TP-40) Photos

3 MODIFICATIONS OF THE WELL BORING DEPTHS

In accordance with the May 1, 2025, LEA Compliance Order (Mitigation Measure 4.4), SCS established target boring depths prior to construction to meet the required TMP installation intervals (15, 30, 45, and 75 feet below ground surface, and calculated depths beyond 75 feet where applicable). Probes were generally constructed in accordance with the design documents with the exception of modifications discussed with the design engineer, and submitted to the LEA in the weekly TMP update.

During drilling operations, field conditions; including, but not limited to, the presence of free liquids, elevated subsurface gas pressures, and borehole instability, prevented several borings from reaching their planned total depths. As a result, probes TP-21, TP-22, TP-23, TP-24, TP-25, TP-26, TP-28, TP-29, TP-30, TP-33, TP-34, TP-35, TP-37, TP-39, and TP-40 were completed at depths shallower than originally designed. Probes TP-27, TP-31, TP-32, TP-36, and TP-38 were not affected by these conditions and successfully reached design borehole depths.

Borings were advanced to the maximum safe and practicable depth at the time of installation. As a result, reductions to the total bore depths were necessary during construction.

Thermocouple intervals were then set in accordance with required Mitigation Measure 4.4 intervals based upon depths achieved during drilling. Note that only one thermocouple was installed at TP-22 because the borehole collapsed at 30 feet, preventing casing installation beyond 30 feet and allowing a single thermocouple to be installed at 15 feet in accordance with Mitigation Measure 4.4.

Probes TP-25, TP-26, TP-27, and TP-34 have thermocouples installed at depths of 15, 30, 45, and 60 feet. Probes TP-30 and TP-32 have thermocouples installed at depths of 15, 30, 45, and 70 feet. Probes TP-29, and TP-31 have thermocouples installed at depths of 15, 30, 45, and 80 feet. The 60-foot, 70-foot and 80-foot thermocouples were installed in lieu of the 75-foot interval.

TMPs TP-25, TP-26, TP-27, TP-29, TP-30, TP-31, TP-32, and TP-34 were installed at the intended depths; however, incorrect thermocouple lengths were programmed in the remote monitoring control system. Each TMP was equipped with thermocouples at 15-, 30-, 45-, and 60-foot intervals (per LEA email request), but data were initially reported at incorrect depths. The reported depths were corrected in May 2025, as documented in the weekly TMP updates submitted to the LEA during that period. As is outlined in the Modifications of the Well Boring Depths section of the revised Final Report:

In February 2025, thermocouples in TMPs TP-25, TP-26, TP-27, TP-29, TP-30, TP-31, TP-32, and TP-34 were displaying incorrect depths of 25, 40, 50, and 70 feet, rather than the required depths of 15, 30, 45, and 60 feet. Since that time, the final installation depths for these thermocouples has been verified and corrected in the monitoring system, as summarized below.

- TMPs TP-25, TP-26, TP-27, and TP-34 have thermocouples installed at depths of 15, 30, 45, and 60 feet. TMPs TP-30 and TP-32 have thermocouples installed at depths of 15, 30, 45, and 70 feet.
- TMPs TP-29, and TP-31 have thermocouples installed at depths of 15, 30, 45, and 80 feet. The 60-foot, 70-foot and 80-foot thermocouples were installed in lieu of the 75-foot interval.

At the request of the LEA, the Excel spreadsheet is submitted as part of the weekly TMP updates is made up of raw data and thus does not include explanatory language. As-builts for all TMPs are included attached as stipulated in the LEA's letter dated May 8, 2024, Items 2 and 3, and in the LEA's June 6, 2024, Compliance Order. The actual depths are included in the weekly raw data spreadsheets and submitted to the LEA as part of the TMP updates.

Refer to **Table 2** and **Appendix C** for thermocouple depth as-built information.

4 TEMPERATURE PROBE DATA

The temperature data collected at each TMP was obtained from thermocouples installed at depths, requested by the LEA in Mitigation Measure 4.4, at the time of each TMP installation. Accordingly, the temperature monitoring network was designed and implemented to be consistent with the milestone plan and subsequent communications with the LEA.

To validate the temperature data, a quality assurance/quality control (QA/QC) approach was implemented, focusing on confirming that the data was collected from the appropriate TMP locations and thermocouple depths, that the data was recorded on a regular basis, and that the data was reviewed for completeness, consistency, and reasonableness. This QA/QC process includes verification that each TMP casing contains the necessary thermocouple depths, confirmation that the monitoring points correspond to the locations and depths identified in the plan, and review of the resulting temperature readings to identify potential anomalies, data gaps, equipment issues, or readings inconsistent with observed temperature trends.

As part of compliance with Mitigation Measure #1B of the June 6, 2024, LEA Compliance Order, Chiquita installed a Telemetry System to monitor of the each thermocouple depths located within each probe casing. The system uses Industrial Internet of Things Devices mounted on each probe riser to transmit data to the SCS RMC GeoScience (RMC) cloud-based platform for remote monitoring, review, and analysis. The Telemetry System supports the QA/QC process by providing continuous data collection at each thermocouple depth, automated reporting, alarm notifications by text and email, and secure cloud storage of monitoring data. Temperature data is recorded and uploaded to the cloud at 1–2 hour intervals, enabling near real-time visibility of temperature trends and system performance.

QA/QC review of temperature data includes confirming data receipt from each active TMP and thermocouple depth, verifying uploads occur at the expected frequency, assessing data completeness and continuity, and evaluating temperature trends for abrupt changes, outliers, or potential sensor or communication issues. Where data gaps, anomalous readings, or equipment-related issues are identified, the affected data are reviewed, the potential cause is evaluated, and, as appropriate, field checks, equipment maintenance, sensor verification, and/or data qualification are performed.

Through this process, Chiquita and SCS validate that the temperature data was collected from the planned TMP locations and depths, recorded and transmitted at the planned frequency, and reviewed for quality and consistency. QA/QC review of the temperature data includes confirming that data are being received from each.

All TMPs are fully operational and actively providing temperature data to the Telemetry System. Example temperature data logs from January 01 to February 11, 2026, are submitted to the LEA on a weekly basis, and are provided in **Appendix B**.

STATEMENT OF COMPLIANCE

A Construction Quality Assurance (CQA) program was implemented by SCS and Tetra Tech personnel during the 2024–2025 installation of new temperature monitoring probes at Chiquita Canyon Landfill, Castaic, California. The program verifies that work was completed in accordance with the design intent shown on the project drawings. If you have any questions, please do not hesitate to contact the undersigned, Rachelle Huber (925) 789-5710 or Srividhya Viswanathan, PE, at (858) 524-9525.

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Sincerely,

Rachelle Huber

Rachelle Huber
Project Manager
SCS ENGINEERS

Srividhya Viswanathan, P.E.
Senior Vice President
SCS ENGINEERS

Appendix A

Boring and As-Built Temperature Monitoring Probe Completion Logs

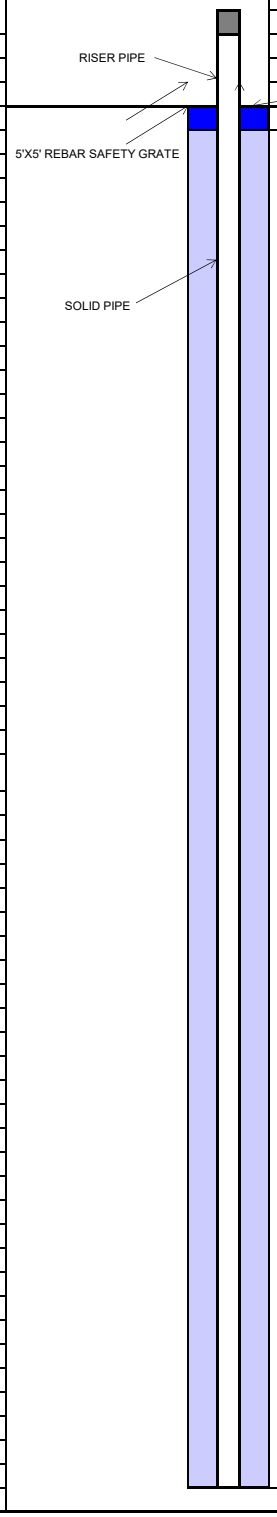
Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	1/30/2025
COMPLETION DATE:	2/6/2025
CQA MONITOR:	Julian Obusan, E.I.T. and Ana Levosada
CONTRACTOR:	Cascade Remediation Services, LLC
DRILLER:	Cascade Remediation Services, LLC
DRILL RIG:	GEFCO 50K

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PLASTIC/PAPER/SOIL, MILD, DRY
10 TO 20	PLASTIC/PAPER/SOIL, MILD, DRY
20 TO 30	PLASTIC, MILD, MOIST
30 TO 40	PLASTIC, MILD, MOIST
40 TO 50	PLASTIC, MILD MOIST
50 TO 60	PLASTIC, MODERATE, WET
60 TO 70	NOT MONITORED
70 TO 80	PLASTIC, SEVERE, WET
80 TO 90	PLASTIC, SEVERE, WET
90 TO 100	PLASTIC, SEVERE, WET
100 TO 110	PLASTIC, SEVERE, WET

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	74
10 TO 20	76
20 TO 30	81M, 79W
30 TO 40	72M, 66W
40 TO 50	76M, 70W
50 TO 60	80M, 77W
60 TO 70	NOT MONITORED
70 TO 80	84M, 80W
80 TO 90	86M, 84W
90 TO 100	90M, 85W
100 TO 110	91M, 90W



TEMPERATURE PROBE ID:	TP-21
COORDINATES:	N: 1,981,238, E: 6,3665,804
SURFACE ELEVATION:	1,359
TOP OF CASING ELEVATION:	1,362
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	256 FT
COMPLETION DEPTH:	110 FT

COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	110	0 TO 110
BACKFILL:		
UPPER BENTONITE SEAL	15	0 TO 15
LOWER SOIL PLUG	95	5 TO 110
BORING DIAMETER:		
8.5 INCHES	110	0 TO 110

DRILLING LOG

Record Prepared By:	**Tom Gordon**		**Temperature Probe ID:**	**TP-22**
Site:	Chiquita Canyon Landfill		**Driller Name:**	Boart Longyear
Date:	10/28/2025 & 10/30/2025 - 10/31/2025		**Bench (Y/N)**	N
Northing:	1981376.636		**Weather:**	-
Easting:	6366017.682		**Start Drill Time:**	9:50:00 AM (10/28) / 9:00:00 AM (10/30) / 7:30:00 AM (10/31)
Surface Elevation:	1352		**End Drill Time:**	4:30:00 PM (10/28) / 4:30:00 PM (10/30) / 11:00:00 AM (10/31)
Liner Elevation:	1071			
Temperature Probe Pipe Size: (In.)	2		**Seal Type:**	Bentonite Plug
Temperature Probe Material:	Stainless Steel			
Solid Pipe: (Ft.)	30	(reference from top of ground surface)	**Latitude:**	34.4351601
Boring depth: (Ft.)	147		**Longitude:**	-118.6488676

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**10**	soil	99.5	moderate	moist	
10	**20**	soil, metal, rocks, plastic, paper	124.5	moderate	moist	
20	**30**	metal, plastic, paper	124.5	moderate	moist	
30	**40**	metal, plastic, paper	178.5	moderate	moist	
40	**50**	-	-	-	-	No recovery
50	**60**	metal, plastic, paper	180.5	moderate	moist	
60	**70**	metal, plastic, paper	164.5	moderate	moist	
70	**80**	-	-	-	-	No recovery
80	**90**	-	-	-	-	No recovery
90	**100**	-	-	-	-	No recovery
100	**110**	-	-	-	-	No recovery
110	**120**	metal, plastic, paper	180.0	well	moist	
120	**130**	metal, plastic, paper	185.0	well	moist	
130	**147**	metal, plastic, paper	183.5	well	moist	

Comments:
Drilling was halted at 147' due to high pressure within the borehole, which prevented removal of the drilling rods. A grout mixture was placed to stabilize the borehole. The drilling crew returned on 11/12, and the borehole was deemed stable and safe for installation of the temperature probe casing. Due to the high pressure, the drilling rods could only advance to 65', and the temperature probe casing could not be installed beyond 30'. Therefore, the temperature probe casing was installed at 30'.

ETOOLS ID	Alias
-	TP-22

Site Name: **CHIQUITA CANYON LANDFILL**

Date Installed: **11/12/2025**

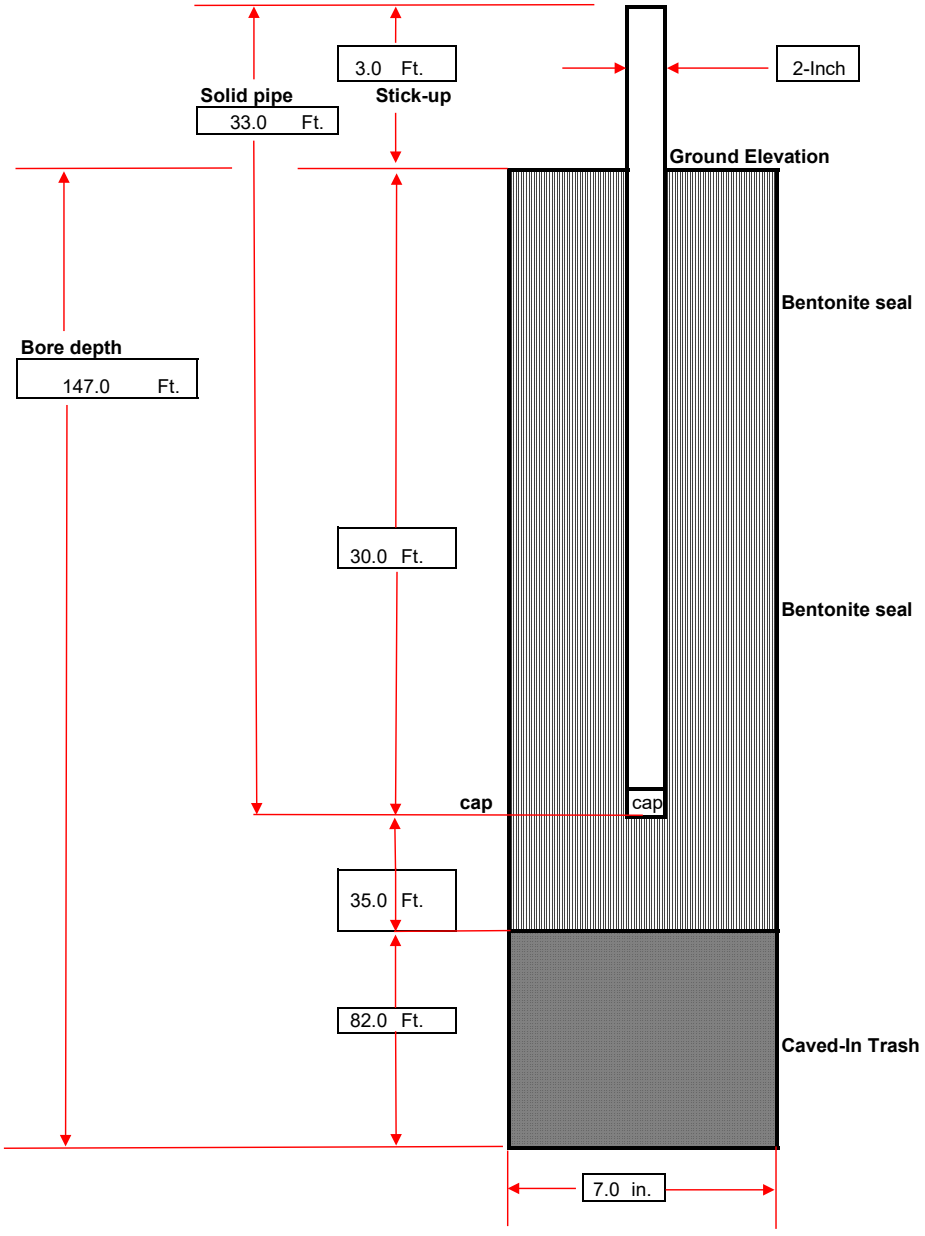
City: **CASTAIC** State: **CA**

Installation Contractor: **Boart Longyear**

Pipe Material: Stainless Steel

General Comments:

Coordinates :
Northing: 1981376.636
Easting: 6366017.682
Ground Elevation (MSL): 1352
Notes: Drilling was halted at 147' due to high pressure within the borehole, which prevented removal of the drilling rods. A grout mixture was placed to stabilize the borehole. The drilling crew returned on 11/12, and the borehole was deemed stable and safe for installation of the temperature probe casing. Due to the high pressure, the drilling rods could only advance to 65', and the temperature probe casing could not be installed beyond 30'. Therefore, the temperature probe casing was installed at 30'.



DRILLING LOG

Record Prepared By:	**Eli Ortenberg**		**Temperature Probe ID:**	**TP-23**
Site:	Chiquita Canyon Landfill		**Driller Name:**	Boart Longyear
Date:	10/17/2025 & 10/20/2025		**Bench (Y/N)**	N
Northing:	1981728.756		**Weather:**	-
Easting:	6366232.457		**Start Drill Time:**	11:00:00 AM (10/17) / 7:30:00 AM (10/20)
Surface Elevation:	1367		**End Drill Time:**	4:30:00 PM (10/17) / 5:30:00 PM (10/20)
Liner Elevation:	1203			
Temperature Probe Pipe Size: (In.)	2		**Well Seal Type:**	Bentonite Plug
Temperature Probe Material:	Stainless Steel			
Solid Pipe: (Ft.)	80	(reference from top of ground surface)	**Latitude:**	34.4361314
Boring depth: (Ft.)	107		**Longitude:**	-118.6481628

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**7**	soil	115.0	none to little	dry	
7	**17**	black soil, metal	142.0	none to little	dry	
17	**27**	plastic, paper, glass	122.0	moderate	dry	
27	**37**	plastic, paper	152.0	moderate	dry	
37	**47**	plastic, cardboard, paper	125.0	moderate	dry	
47	**57**	soil, metal, plastic	158.0	moderate	moist	
57	**67**	metal, plastic, soil, wood	130.0	moderate	moist	
67	**77**	soil, wood, paper, plastic, glass	176.0	well	moist	
77	**87**	soil, plastic, wood	192.0	well	moist	
87	**97**	-	-	-	-	No recovery
97	**107**	-	-	-	-	No recovery

Comments:
During preparation for temperature probe casing installation, the borehole experienced a collapse from 107' to 86'. Elevated borehole pressure prevented re-drilling to the original depth of 107'. Due to the availability of temperature probe casing in 20-foot sections, the probe was ultimately installed at a depth of 80'.

ETOOLS ID	Alias
-	TP-23

Site Name: **CHIQUITA CANYON LANDFILL**

Date Installed: **10/22/2025**

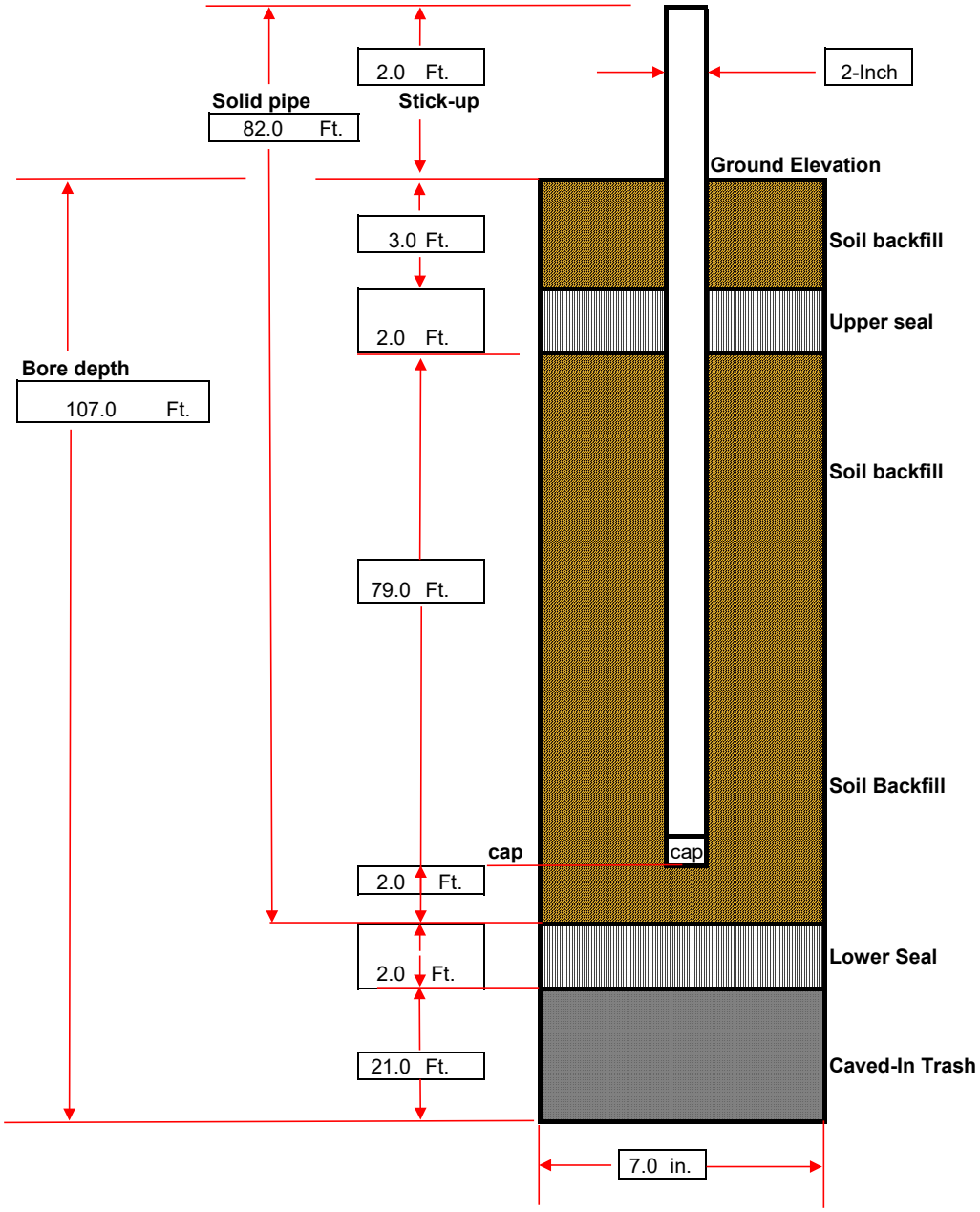
City: **CASTAIC** State: **CA**

Installation Contractor: **Boart Longyear**

Pipe Material: Stainless Steel

General Comments:

Coordinates :
Northing: 1981728.756
Easting: 6366232.457
Ground Elevation (MSL): 1367
Notes: During preparation for temperature probe casing installation, the borehole experienced a collapse from 107' to 86'. Elevated borehole pressure prevented re-drilling to the original depth of 107'. Due to the availability of temperature probe casing in 20-foot sections, the probe was ultimately installed at a depth of 80'.



Tetra Tech, BAS Inc.

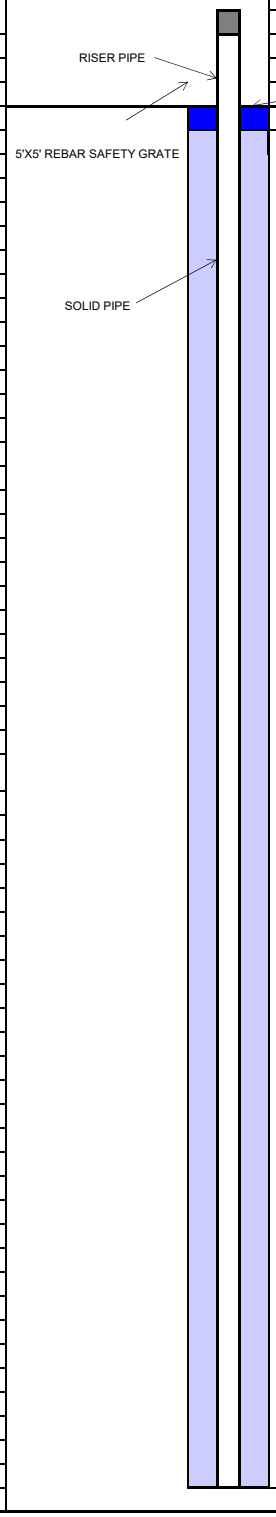
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	1/15/2025
COMPLETION DATE:	1/24/2025
CQA MONITOR:	Ana Levosada
CONTRACTOR:	Cascade Remediation Services, LLC
DRILLER:	Cascade Remediation Services, LLC
DRILL RIG:	GEFCO 50K

TEMPERATURE PROBE ID:	TP-24
COORDINATES:	N: 1,980,531, E: 6,366,233
SURFACE ELEVATION:	1,391
TOP OF CASING ELEVATION:	1,396
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	325 FT
COMPLETION DEPTH:	320 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PLASTIC/SOIL, MILD, DRY
10 TO 20	PLASTIC/SOIL, MILD, DRY
20 TO 30	PLASTIC/PAPER, MILD, WET
30 TO 40	PLASTIC/PAPER/WOOD, MILD, WET
40 TO 50	PLASTIC/WOOD, MILD, MOIST
50 TO 60	PLASTIC/PAPER/WOOD, MILD, MOIST
60 TO 70	PLASTIC/WOOD, MODERATE, WET
70 TO 80	PLASTIC/PAPER/WOOD, MILD, MOIST
80 TO 90	PLASTIC/PAPER/WOOD, MODERATE, MOIST
90 TO 100	PLASTIC/WOOD, MODERATE, WET
100 TO 110	PLASTIC/WOOD, MODERATE, WET
110 TO 120	PLASTIC/WOOD, MODERATE, MOIST
120 TO 130	PLASTIC, SEVERE, WET
130 TO 140	PLASTIC, MODERATE, MOIST
140 TO 150	PLASTIC, MODERATE, MOIST
150 TO 160	PLASTIC, SEVERE, WET
160 TO 170	PLASTIC, MODERATE, WET
170 TO 180	PLASTIC/WOOD, SEVERE, WET
180 TO 190	PLASTIC, SEVERE, WET
190 TO 200	PLASTIC, SEVERE, MOIST
200 TO 210	PLASTIC, SEVERE, WET
210 TO 220	PLASTIC, SEVERE, MOIST
220 TO 230	PLASTIC, MODERATE, MOIST
230 TO 240	PLASTIC, MODERATE, MOIST
240 TO 250	PLASTIC, MODERATE, MOIST
250 TO 260	PLASTIC, MODERATE, MOIST
260 TO 270	PLASTIC, MODERATE, MOIST
270 TO 280	PLASTIC, SEVERE, MOIST
280 TO 290	PLASTIC, SEVERE, WET
290 TO 300	PLASTIC, SEVERE, WET

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	84
10 TO 20	94
20 TO 30	84M, 80W
30 TO 40	90M, 84W
40 TO 50	84M, 84W
50 TO 60	84M, 82W
60 TO 70	80M, 76W
70 TO 80	78M, 76W
80 TO 90	82M, 76W
90 TO 100	82M, 78W
100 TO 110	84M, 82W
110 TO 120	86M, 82W
120 TO 130	88M, 88W
130 TO 140	76M, 68W
140 TO 150	80M, 78W
150 TO 160	82M, 80W
160 TO 170	82M, 78W
170 TO 180	84M, 82W
180 TO 190	86M, 82W
190 TO 200	88M, 82W
200 TO 210	88M, 84W
210 TO 220	88M, 82W
220 TO 230	88M, 82W
230 TO 240	76M
240 TO 250	80M, 70W
250 TO 260	82M, 78W
260 TO 270	86M, 76W
270 TO 280	84M, 78W
280 TO 290	86M, 82W
290 TO 300	88M, 80W



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	5	
SOLID PIPE	320	0 TO 320
BACKFILL:		
UPPER BENTONITE SEAL	5	0 TO 5
LOWER SOIL PLUG	315	5 TO 320
BORING DIAMETER:		
8.5 INCHES	320	0 TO 320

TETRA TECH

Tetra Tech, BAS Inc.

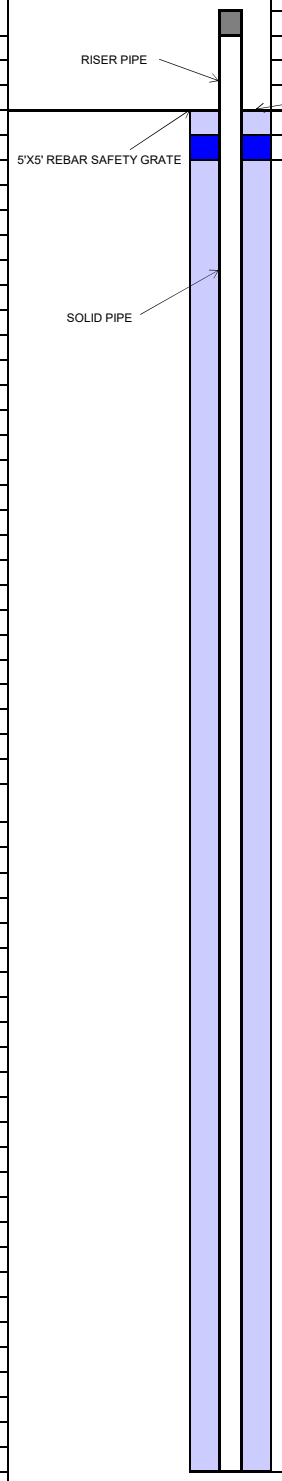
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	12/06/2024
COMPLETION DATE:	12/10/2024
CQA MONITOR:	Julian Obusan, E.I.T., Ana Levosada
CONTRACTOR:	Cascade Remediation Services, LLC
DRILLER:	Cascade Remediation Services, LLC
DRILL RIG:	ProSonic 600T

TEMPERATURE PROBE ID:	TP-25
COORDINATES:	N: 1,981,419, E: 6,366,871
SURFACE ELEVATION:	1,411
TOP OF CASING ELEVATION:	1,414
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	305 FT
COMPLETION DEPTH:	138 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	WOOD/PLASTIC/PAPER, MILD, DRY
10 TO 20	NOT MONITORED
20 TO 30	PLASTIC, MODERATE, DRY
30 TO 40	PLASTIC, SEVERE, DRY
40 TO 50	PLASTIC/PAPER, MODERATE, DRY
50 TO 60	PLASTIC, MODERATE, DRY
60 TO 70	PLASTIC, MODERATE, DRY
70 TO 80	NOT MONITORED
80 TO 90	PLASTIC/WOOD, MODERATE, DRY
90 TO 100	PLASTIC, MODERATE, DRY
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	PLASTIC, MODERATE, DRY
130 TO 138	NOT MONITORED

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	102
10 TO 20	NOT MONITORED
20 TO 30	120
30 TO 40	148
40 TO 50	146
50 TO 60	140
60 TO 70	146
70 TO 80	NOT MONITORED
80 TO 90	162
90 TO 100	152
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	138
130 TO 138	NOT MONITORED



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	138	0 TO 138
BACKFILL:		
BENTONITE SEAL	1	0 TO 1
LOWER SOIL PLUG	137	1 TO 138
BORING DIAMETER:		
6 INCHES	138	0 TO 138

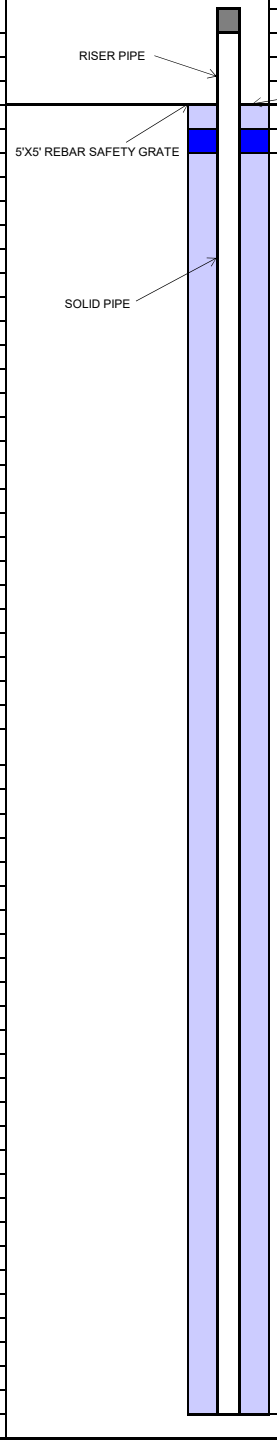
TETRA TECH

Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	TEMPERATURE PROBE ID:	TP-26		
		COORDINATES:	N: 1,981,665, E: 6,366,912		
START DATE:	12/16/2024	SURFACE ELEVATION:	1,394		
COMPLETION DATE:	12/17/2024	TOP OF CASING ELEVATION:	1,396		
CQA MONITOR:	Ana Levosada	WELL CASING MATERIAL:	2-INCH STAINLESS STEEL		
CONTRACTOR:	Cascade Remediation Services, LLC	END CAP MATERIAL:	2-INCH STAINLESS STEEL		
DRILLER:	Cascade Remediation Services, LLC	TARGET DEPTH:	280 FT		
DRILL RIG:	ProSonic 600T	COMPLETION DEPTH:	159 FT		

EXISTING LITHOGRAPHY	
FT. BGS TO FT. BGS	**DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)**
0 TO 10	NOT MONITORED
10 TO 20	NOT MONITORED
20 TO 30	NOT MONITORED
30 TO 40	PAPER/PLASTIC, MODERATE, MOIST
40 TO 50	NOT MONITORED
50 TO 60	PLASTIC, SEVERE, MOIST
60 TO 70	PLASTIC/TEXTILE, SEVERE, MOIST
70 TO 80	NOT MONITORED
80 TO 90	PLASTIC/TEXTILE, SEVERE, MOIST
90 TO 100	PLASTIC/TEXTILE, SEVERE, MOIST
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	NOT MONITORED
130 TO 140	PLASTIC, SEVERE, MOIST
140 TO 150	NOT MONITORED
150 TO 159	NOT MONITORED

DEPTH (FT. BGS)	**TEMPERATURE (°F)**
0 TO 10	NOT MONITORED
10 TO 20	NOT MONITORED
20 TO 30	NOT MONITORED
30 TO 40	152
40 TO 50	NOT MONITORED
50 TO 60	146
60 TO 70	150
70 TO 80	NOT MONITORED
80 TO 90	148
90 TO 100	154
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	NOT MONITORED
130 TO 140	150
140 TO 150	NOT MONITORED
150 TO 159	NOT MONITORED



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	2	
SOLID PIPE	159	0 TO 159
BACKFILL:		
BENTONITE SEAL	1	0 TO 1
LOWER SOIL PLUG	158	1 TO 159
BORING DIAMETER:		
6 INCHES	97	0 TO 97
4 INCHES	62	97 TO 159

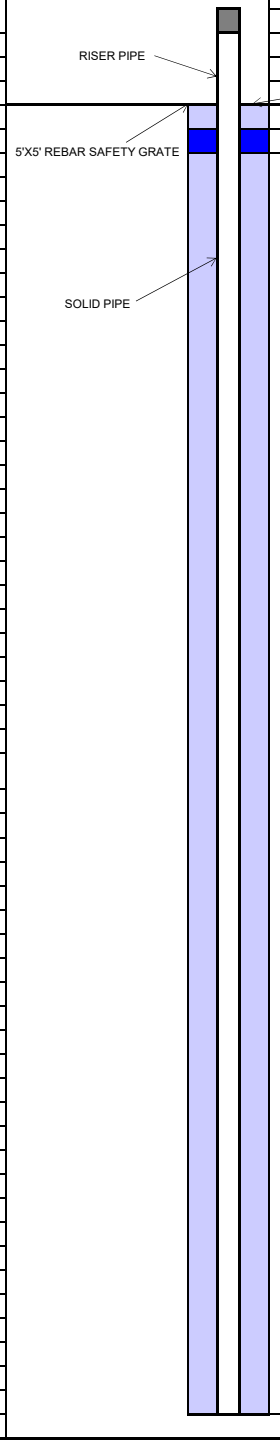
TETRA TECH

Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	TEMPERATURE PROBE ID:	TP-27		
		COORDINATES:	N: 1,982,001, E: 6,366,919		
START DATE:	12/04/2024	SURFACE ELEVATION:	1,331		
COMPLETION DATE:	12/05/2024	TOP OF CASING ELEVATION:	1,334		
CQA MONITOR:	Julian Obusan, E.I.T.	WELL CASING MATERIAL:	2-INCH STAINLESS STEEL		
CONTRACTOR:	Cascade Remediation Services, LLC	END CAP MATERIAL:	2-INCH STAINLESS STEEL		
DRILLER:	Cascade Remediation Services, LLC	TARGET DEPTH:	154 FT		
DRILL RIG:	ProSonic 600T	COMPLETION DEPTH:	154 FT		

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	TEXTILE/PAPER, MILD, DRY
10 TO 20	PLASTIC, MILD, DRY
20 TO 30	PLASTIC, SEVERE, DRY
30 TO 40	NOT MONITORED
40 TO 50	NOT MONITORED
50 TO 60	WOOD/PAPER, MODERATE, DRY
60 TO 70	WOOD/PAPER, MODERATE, DRY
70 TO 80	NOT MONITORED
80 TO 90	NOT MONITORED
90 TO 100	NOT MONITORED
100 TO 110	WOOD/PLASTIC, MODERATE, MOIST
110 TO 120	NOT MONITORED
120 TO 130	NOT MONITORED
130 TO 140	PLASTIC/PAPER, SEVERE, DRY
140 TO 150	NOT MONITORED
150 TO 154	PLASTIC/PAPER, SEVERE, MOIST



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	154	0 TO 154
BACKFILL:		
BENTONITE SEAL	1	0 TO 1
LOWER SOIL PLUG	153	1 TO 154
BORING DIAMETER:		
4 INCHES	154	0 TO 154

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	106
10 TO 20	130
20 TO 30	148
30 TO 40	NOT MONITORED
40 TO 50	146
50 TO 60	140
60 TO 70	144
70 TO 80	NOT MONITORED
80 TO 90	NOT MONITORED
90 TO 100	NOT MONITORED
100 TO 110	150
110 TO 120	NOT MONITORED
120 TO 130	NOT MONITORED
130 TO 140	152
140 TO 150	NOT MONITORED
150 TO 154	150

Tetra Tech, BAS Inc.

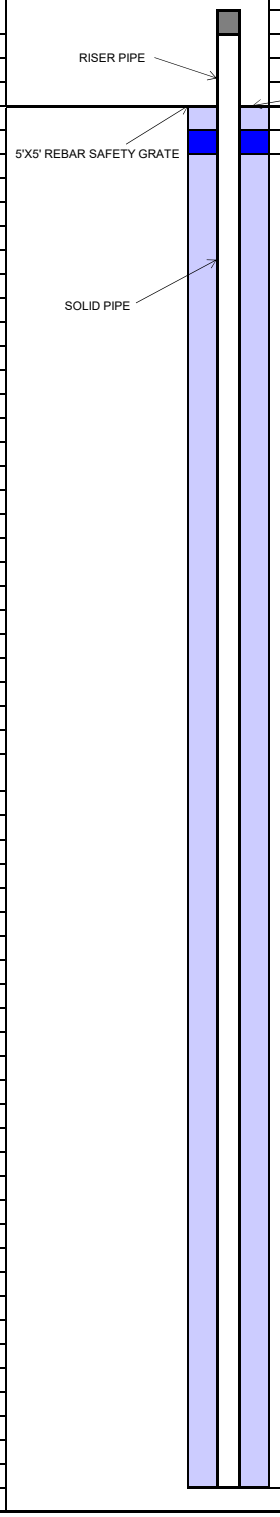
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	12/19/2024
COMPLETION DATE:	12/23/2024
CQA MONITOR:	Keith Hussain & Julian Obusan, E.I.T.
CONTRACTOR:	Cascade Remediation Services, LLC
DRILLER:	Cascade Remediation Services, LLC
DRILL RIG:	ProSonic 600T

TEMPERATURE PROBE ID:	TP-28
COORDINATES:	N: 1,980,190, E: 6,366,176
SURFACE ELEVATION:	1,344
TOP OF CASING ELEVATION:	1,347
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	285 FT
COMPLETION DEPTH:	173 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PLASTIC/WOOD/PAPER, MILD, DRY
10 TO 20	PLASTIC/WOOD/PAPER, MILD, DRY
20 TO 30	PLASTIC/PAPER, MILD, DRY
30 TO 40	NOT MONITORED
40 TO 50	PLASTIC/PAPER, SEVERE, DRY
50 TO 60	WOOD, MILD, DRY
60 TO 70	PLASTIC/WOOD, SEVERE, DRY
70 TO 80	PLASTIC, MODERATE, DRY
80 TO 90	NOT MONITORED
90 TO 100	NOT MONITORED
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	WOOD/PAPER/PLASTIC, SEVERE, WET
130 TO 140	NOT MONITORED
140 TO 150	NOT MONITORED
150 TO 160	WOOD/PAPER/PLASTIC, SEVERE, WET
160 TO 170	NOT MONITORED
170 TO 173	NOT MONITORED

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	106
10 TO 20	110
20 TO 30	132
30 TO 40	NOT MONITORED
40 TO 50	134
50 TO 60	140
60 TO 70	132
70 TO 80	142
80 TO 90	NOT MONITORED
90 TO 100	NOT MONITORED
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	140
130 TO 140	NOT MONITORED
140 TO 150	NOT MONITORED
150 TO 160	157
160 TO 170	NOT MONITORED
170 TO 173	NOT MONITORED



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	173	0 TO 173
BACKFILL:		
BENTONITE SEAL	1	0 TO 1
LOWER SOIL PLUG	172	1 TO 173
BORING DIAMETER:		
6 INCHES	173	0 TO 173

TETRA TECH

Tetra Tech, BAS Inc.

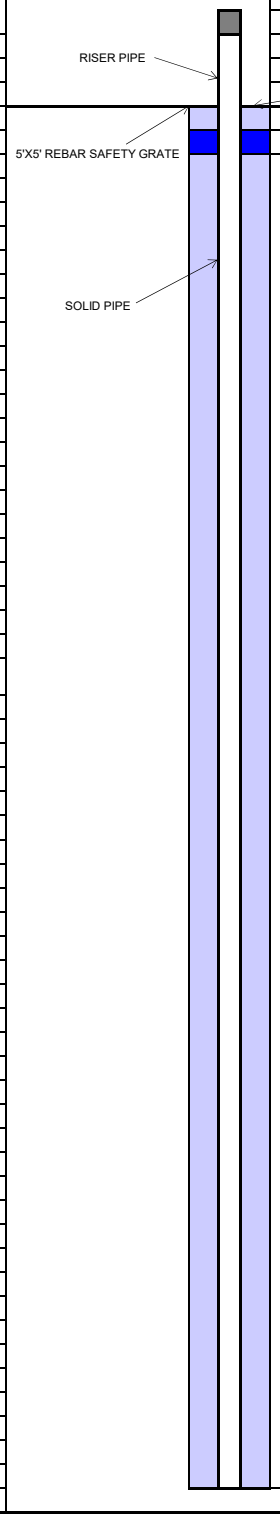
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	11/25/2024
COMPLETION DATE:	11/27/2024
CQA MONITOR:	Ana Levosada
CONTRACTOR:	Cascade Remediation Services, LLC
DRILLER:	Cascade Remediation Services, LLC
DRILL RIG:	ProSonic 600T

TEMPERATURE PROBE ID:	TP-29
COORDINATES:	N: 1,980,633, E: 6,366,655
SURFACE ELEVATION:	1,399
TOP OF CASING ELEVATION:	1,402
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	325 FT
COMPLETION DEPTH:	245 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	NOT MONITORED
10 TO 20	PAPER/PLASTIC, SOME, DRY
20 TO 30	NOT MONITORED
30 TO 40	PAPER/PLASTIC/TEXTILE, MODERATE, DRY
40 TO 50	PAPER/PLASTIC, MODERATE, MOIST
50 TO 60	PAPER/PLASTIC, MODERATE, MOIST
60 TO 70	WOOD/PLASTIC, MODERATE, MOIST
70 TO 80	ROCKS, MODERATE, DRY
80 TO 90	PAPER/WOOD/PLASTIC, MODERATE, DRY
90 TO 100	NOT MONITORED
100 TO 110	PAPER/WOOD/PLASTIC, MODERATE, MOIST
110 TO 120	NOT MONITORED
120 TO 130	NOT MONITORED
130 TO 140	PAPER/PLASTIC/TEXTILE, MODERATE, MOIST
140 TO 150	NOT MONITORED
150 TO 160	NOT MONITORED
160 TO 170	PAPER/WOOD/PLASTIC/TEXTILE, MODERATE, MOIST
170 TO 180	NOT MONITORED
180 TO 190	NOT MONITORED
190 TO 200	PAPER/PLASTIC, SEVERE, MOIST
200 TO 210	NOT MONITORED
210 TO 220	NOT MONITORED
220 TO 230	PAPER/PLASTIC/WOOD, MODERATE, MOIST
230 TO 245	NOT MONITORED

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	NOT MONITORED
10 TO 20	112
20 TO 30	NOT MONITORED
30 TO 40	114
40 TO 50	130
50 TO 60	134
60 TO 70	176
70 TO 80	166
80 TO 90	156
90 TO 100	NOT MONITORED
100 TO 110	160
110 TO 120	NOT MONITORED
120 TO 130	NOT MONITORED
130 TO 140	154
140 TO 150	NOT MONITORED
150 TO 160	NOT MONITORED
160 TO 170	150
170 TO 180	NOT MONITORED
180 TO 190	NOT MONITORED
190 TO 200	146
200 TO 210	NOT MONITORED
210 TO 220	NOT MONITORED
220 TO 230	154
230 TO 245	NOT MONITORED



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	245	0 TO 245
BACKFILL:		
UPPER SOIL PLUG	3	0 TO 3
BENTONITE SEAL	2	3 TO 5
LOWER SOIL PLUG	240	5 TO 245
BORING DIAMETER:		
6 INCHES	105	0 TO 105
4 INCHES	140	105 TO 245

Tetra Tech, BAS Inc.

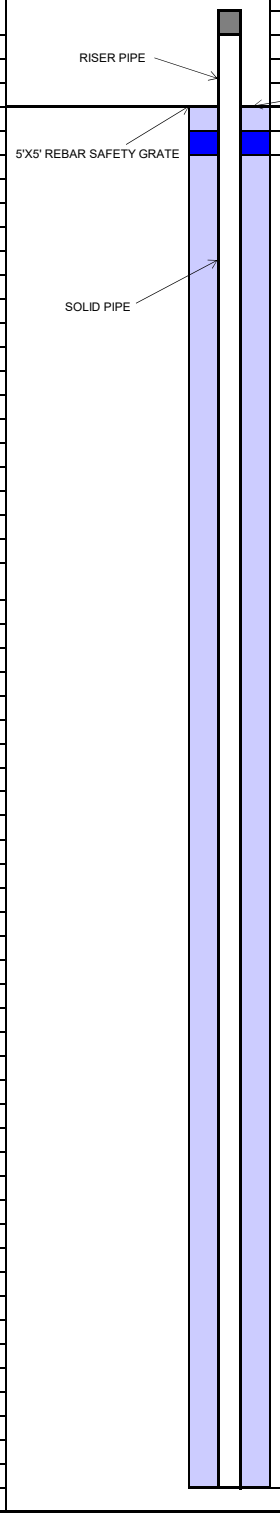
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	11/20/2024
COMPLETION DATE:	11/22/2024
CQA MONITOR:	Ana Levosada
CONTRACTOR:	Cascade Remediation Services, LLC
DRILLER:	Cascade Remediation Services, LLC
DRILL RIG:	ProSonic 600T

TEMPERATURE PROBE ID:	TP-30
COORDINATES:	N: 1,980,817, E: 6,366,867
SURFACE ELEVATION:	1,404
TOP OF CASING ELEVATION:	1,407
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	319 FT
COMPLETION DEPTH:	200 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	NOT MONITORED
10 TO 20	ROCK/SOIL, SOME, DRY
20 TO 30	PAPER/TEXTILE, MODERATE, MOIST
30 TO 40	WOOD/TEXTILE, MODERATE, MOIST
40 TO 50	TEXTILE/PLASTIC, MODERATE, MOIST
50 TO 60	PAPER/PLASTIC, SEVERE, MOIST
60 TO 70	NOT MONITORED
70 TO 80	PAPER/TEXTILE, SEVERE, MOIST
80 TO 90	PLASTIC/TEXTILE, SEVERE, MOIST
90 TO 100	PLASTIC/ROCK/PAPER, SEVERE MOIST
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	ROCK, SOME, DRY
130 TO 140	NOT MONITORED
140 TO 150	NOT MONITORED
150 TO 160	ROCK/PLASTIC, SEVERE, MOIST
160 TO 170	NOT MONITORED
170 TO 180	NOT MONITORED
180 TO 190	TEXTILE/PLASTIC, SEVERE, MOIST
190 TO 200	PLASTIC/ROCK/PAPER, SEVERE, MOIST

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	NOT MONITORED
10 TO 20	102
20 TO 30	110
30 TO 40	130
40 TO 50	156
50 TO 60	154
60 TO 70	NOT MONITORED
70 TO 80	156
80 TO 90	152
90 TO 100	156
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	172
130 TO 140	NOT MONITORED
140 TO 150	NOT MONITORED
150 TO 160	158
160 TO 170	NOT MONITORED
170 TO 180	NOT MONITORED
180 TO 190	160
190 TO 200	160



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	200	0 TO 200
BACKFILL:		
UPPER SOIL PLUG	3	0 TO 3
BENTONITE SEAL	2	3 TO 5
LOWER SOIL PLUG	195	5 TO 200
BORING DIAMETER:		
6 INCHES	107	0 TO 107
4 INCHES	93	107 TO 200

Tetra Tech, BAS Inc.

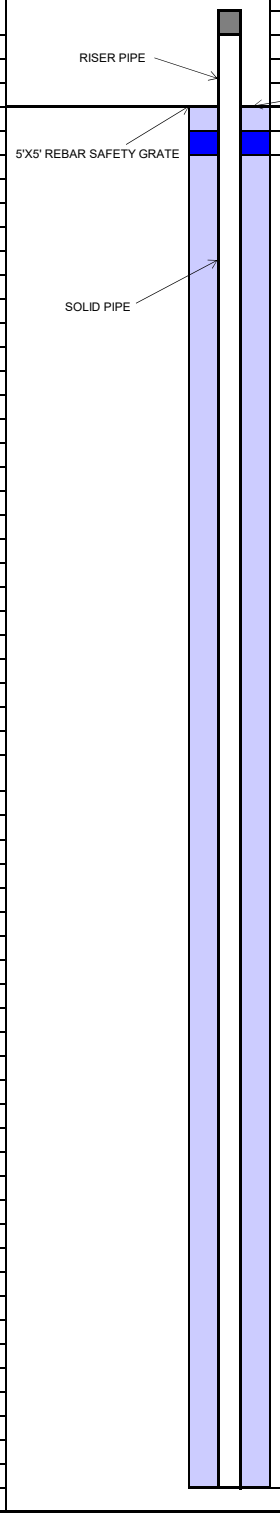
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	11/12/2024
COMPLETION DATE:	11/15/2024
CQA MONITOR:	Julian Obusan, E.I.T.
CONTRACTOR:	Cascade Remediation Services, LLC
DRILLER:	Cascade Remediation Services, LLC
DRILL RIG:	ProSonic 600T

TEMPERATURE PROBE ID:	TP-31
COORDINATES:	N: 1,981,476, E: 6,367,157
SURFACE ELEVATION:	1,402
TOP OF CASING ELEVATION:	1,405
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	290 FT
COMPLETION DEPTH:	290 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	NOT MONITORED
10 TO 20	PAPER/PLASTIC/TEXTILE, MODERATE, MOIST
20 TO 30	NOT MONITORED
30 TO 40	PAPER/PLASTIC/TEXTILE, MODERATE, MOIST
40 TO 50	NOT MONITORED
50 TO 60	PAPER/WOOD, MODERATE, MOIST
60 TO 70	NOT MONITORED
70 TO 80	PAPER/WOOD, SEVERE, WET
80 TO 90	NOT MONITORED
90 TO 100	PAPER/PLASTIC/TEXTILE, SEVERE, WET
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	NOT MONITORED
130 TO 140	NOT MONITORED
140 TO 150	PLASTIC, SEVERE, WET
150 TO 160	NOT MONITORED
160 TO 170	PAPER/PLASTIC, SEVERE, WET
170 TO 180	NOT MONITORED
180 TO 190	PAPER/PLASTIC, SEVERE, WET
190 TO 200	NOT MONITORED
200 TO 210	PAPER/PLASTIC, SEVERE, WET
210 TO 220	NOT MONITORED
220 TO 230	PAPER/PLASTIC, SEVERE, WET
230 TO 240	NOT MONITORED
240 TO 250	PAPER/PLASTIC, SEVERE, WET
250 TO 260	NOT MONITORED
260 TO 270	NOT MONITORED
270 TO 280	PAPER/PLASTIC, SEVERE, WET
280 TO 290	PAPER/PLASTIC, SEVERE, WET

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	NOT MONITORED
10 TO 20	120
20 TO 30	NOT MONITORED
30 TO 40	134
40 TO 50	NOT MONITORED
50 TO 60	136
60 TO 70	NOT MONITORED
70 TO 80	144
80 TO 90	NOT MONITORED
90 TO 100	150
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	NOT MONITORED
130 TO 140	NOT MONITORED
140 TO 150	NOT MONITORED
150 TO 160	NOT MONITORED
160 TO 170	135
170 TO 180	NOT MONITORED
180 TO 190	160
190 TO 200	NOT MONITORED
200 TO 210	178
210 TO 220	NOT MONITORED
220 TO 230	145
230 TO 240	NOT MONITORED
240 TO 250	150
250 TO 260	NOT MONITORED
260 TO 270	NOT MONITORED
270 TO 280	152
280 TO 290	150



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	290	0 TO 290
BACKFILL:		
UPPER SOIL PLUG	3	0 TO 3
BENTONITE SEAL	2	3 TO 5
LOWER SOIL PLUG	285	5 TO 290
BORING DIAMETER:		
6 INCHES	115	0 TO 115
4 INCHES	175	115 TO 290

TETRA TECH

Tetra Tech, BAS Inc.

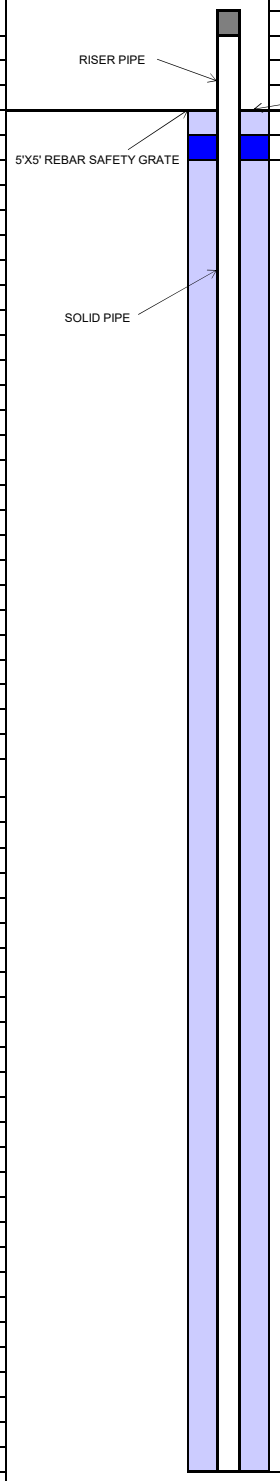
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	12/10/2024
COMPLETION DATE:	12/12/2024
CQA MONITOR:	Ana Levosada
CONTRACTOR:	Cascade Remediation Services, LLC
DRILLER:	Cascade Remediation Services, LLC
DRILL RIG:	ProSonic 600T

TEMPERATURE PROBE ID:	TP-32
COORDINATES:	N: 1,981,876, E: 6,367,285
SURFACE ELEVATION:	1,341
TOP OF CASING ELEVATION:	1,344
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	196 FT
COMPLETION DEPTH:	196 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	NOT MONITORED
10 TO 20	NOT MONITORED
20 TO 30	NOT MONITORED
30 TO 40	PLASTIC/PAPER/TEXTILE, MILD, DRY
40 TO 50	PLASTIC/TEXTILE, MILD, MOIST
50 TO 60	PLASTIC/TEXTILE, MILD, MOIST
60 TO 70	PLASTIC/WOOD, MILD, MOIST
70 TO 80	PLASTIC/ROCKS, SEVERE, DRY
80 TO 90	PLASTIC/WOOD, SEVERE, DRY
90 TO 100	PLASTIC/PAPER, MILD, MOIST
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	NOT MONITORED
130 TO 140	NOT MONITORED
140 TO 150	PLASTIC/PAPER/ROCKS, MILD, MOIST
150 TO 160	NOT MONITORED
160 TO 170	NOT MONITORED
170 TO 180	PLASTIC/PAPER, SEVERE, MOIST
180 TO 190	NOT MONITORED
190 TO 196	PLASTIC/WOOD, SEVERE, MOIST

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	NOT MONITORED
10 TO 20	NOT MONITORED
20 TO 30	NOT MONITORED
30 TO 40	146
40 TO 50	146
50 TO 60	142
60 TO 70	150
70 TO 80	162
80 TO 90	156
90 TO 100	158
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	NOT MONITORED
130 TO 140	NOT MONITORED
140 TO 150	160
150 TO 160	NOT MONITORED
160 TO 170	NOT MONITORED
170 TO 180	156
180 TO 190	NOT MONITORED
190 TO 196	156



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	196	0 TO 196
BACKFILL:		
BENTONITE SEAL	1	0 TO 1
LOWER SOIL PLUG	195	1 to 196
BORING DIAMETER:		
6 INCHES	100	0 TO 100
4 INCHES	96	100 TO 196

TETRA TECH

DRILLING LOG

Record Prepared By:	**Eli Ortenberg**		**Temperature Probe ID:**	**TP-33**
Site:	Chiquita Canyon Landfill		**Driller Name:**	Boart Longyear
Date:	12/11/2025		**Bench (Y/N)**	N
Northing:	1981455.963		**Weather:**	-
Easting:	6366283.972		**Start Drill Time:**	10:30:00 AM
Surface Elevation:	1366		**End Drill Time:**	1:20:00 PM
Liner Elevation:	-			
Temperature Probe Pipe Size: (In.)	2		**Seal Type:**	Bentonite Plug
Temperature Probe Material:	Stainless Steel			
Solid Pipe: (Ft.)	48	(reference from top of ground surface)	**Latitude:**	34.4353828
Boring depth: (Ft.)	50		**Longitude:**	-118.6479862

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**7**	soil, gravel	75.0	none to little	dry	
7	**17**	paper, plastic	90.0	moderate	moist	
17	**27**	wood, cardboard	100.0	moderate	moist	
27	**37**	paper, plastic, cardboard	100.0	moderate	moist	
37	**47**	wood, paper, plastic	108.0	well	moist	
47	**50**	wood, paper, plastic	110.0	well	moist	

Comments:
Stopped drilling at 50' before encountering high pressure.

ETOOLS ID	Alias	Site Name:	CHIQUITA CANYON LANDFILL
-	TP-33		

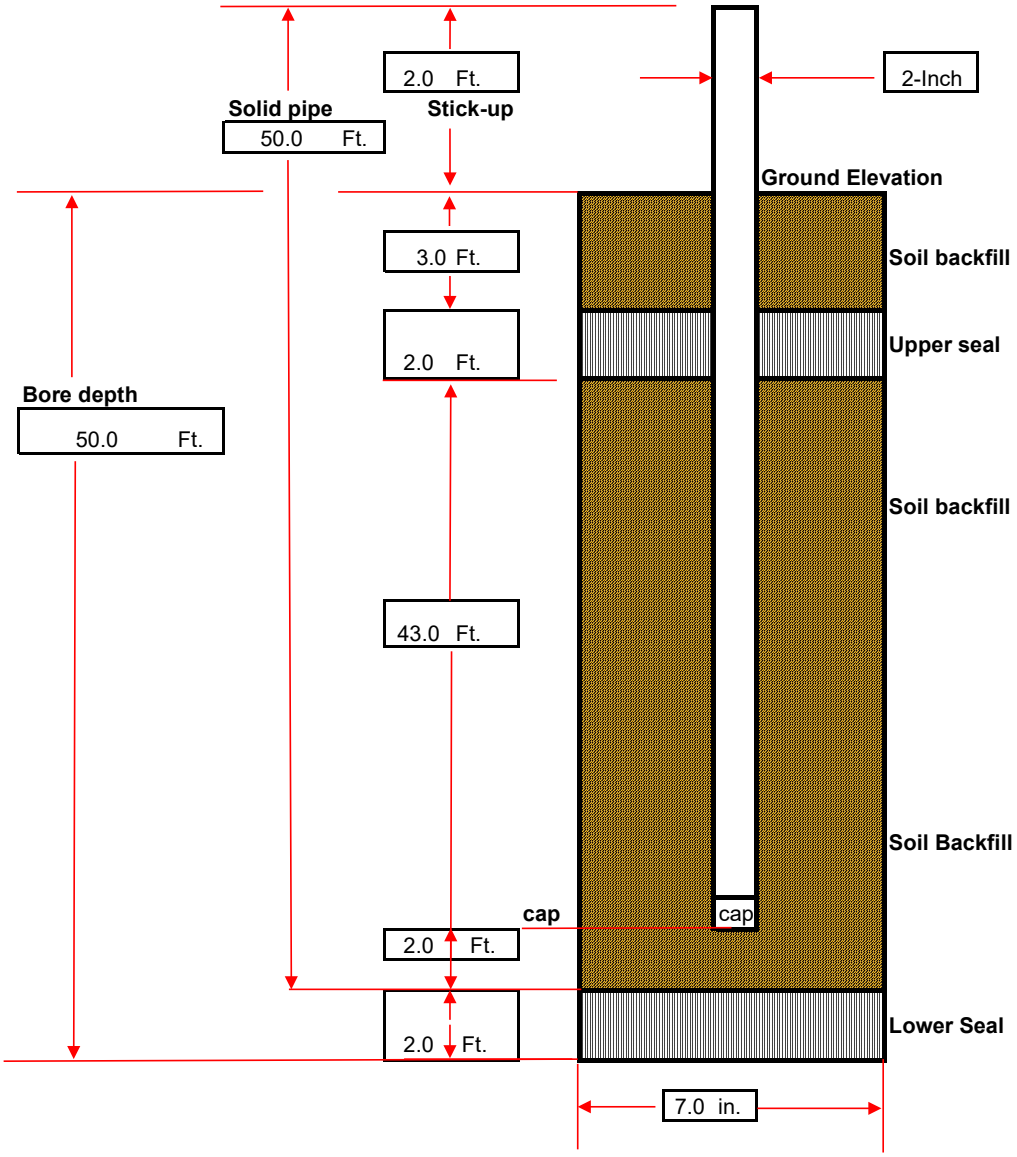
Date Installed: 12/11/2025

City: CASTAIC State: CA

Installation Contractor:
Boart Longyear

Pipe Material: Stainless Steel

General Comments:
Coordinates :
Northing:1981455.963
Easting: 6366283.972
Ground Elevation (MSL): 1366
Notes: Stopped drilling at 50' before encountering high pressure.



Tetra Tech, BAS Inc.

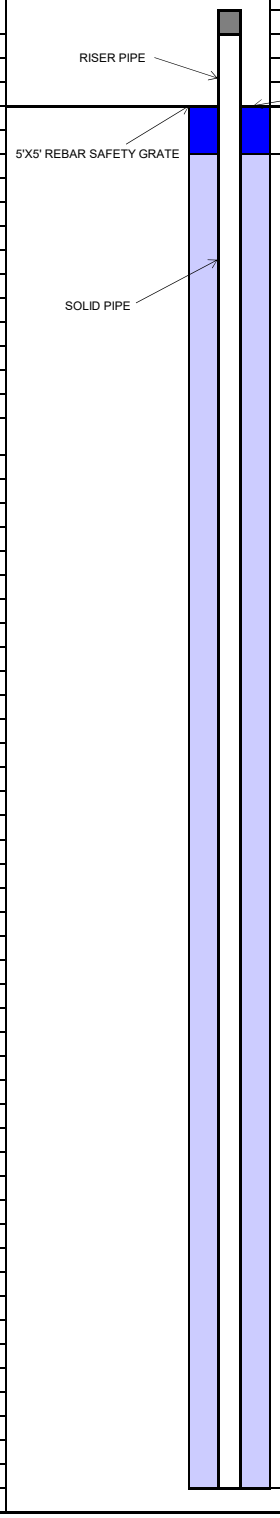
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	12/02/2024
COMPLETION DATE:	12/03/2024
CQA MONITOR:	Julian Obusan, E.I.T.
CONTRACTOR:	Cascade Remediation Services, LLC
DRILLER:	Cascade Remediation Services, LLC
DRILL RIG:	ProSonic 600T

TEMPERATURE PROBE ID:	TP-34
COORDINATES:	N: 1,981,132, E: 6,366,434
SURFACE ELEVATION:	1,396
TOP OF CASING ELEVATION:	1,399
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	310 FT
COMPLETION DEPTH:	124 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	NOT MONITORED
10 TO 20	NOT MONITORED
20 TO 30	NOT MONITORED
30 TO 40	NOT MONITORED
40 TO 50	NOT MONITORED
50 TO 60	PAPER/PLASTIC, MODERATE, DRY
60 TO 70	PLASTIC, MODERATE, MOIST
70 TO 80	PLASTIC, SEVERE, MOIST
80 TO 90	NOT MONITORED
90 TO 100	NOT MONITORED
100 TO 110	PLASTIC, SEVERE, WET
110 TO 120	PLASTIC, SEVERE, WET
120 TO 124	TEXTILE, MODERATE, WET

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	NOT MONITORED
10 TO 20	NOT MONITORED
20 TO 30	NOT MONITORED
30 TO 40	NOT MONITORED
40 TO 50	NOT MONITORED
50 TO 60	142
60 TO 70	144
70 TO 80	144
80 TO 90	NOT MONITORED
90 TO 100	NOT MONITORED
100 TO 110	156
110 TO 120	146
120 TO 124	148



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	124	0 TO 124
BACKFILL:		
BENTONITE SEAL	1	0 TO 1
LOWER SOIL PLUG	123	1 TO 124
BORING DIAMETER:		
4 INCHES	124	0 TO 124

TETRA TECH

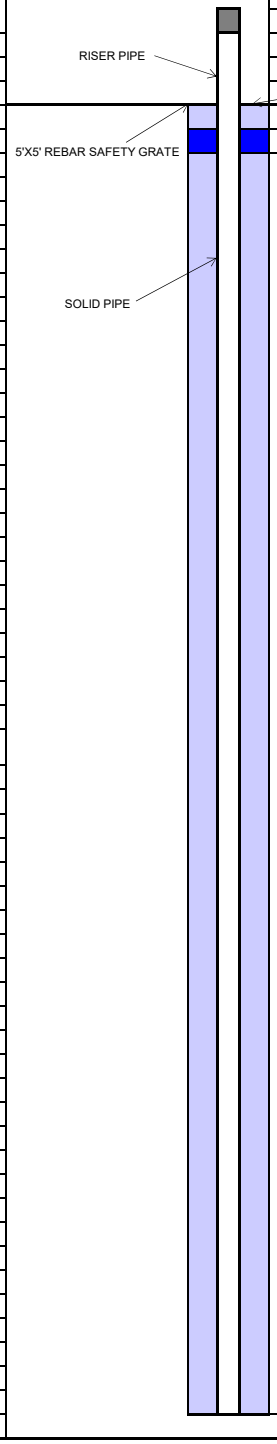
Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	TEMPERATURE PROBE ID:	TP-35		
		COORDINATES:	N: 1,980,719, E: 6,366,444		
START DATE:	12/18/2024	SURFACE ELEVATION:	1,400		
COMPLETION DATE:	12/19/2024	TOP OF CASING ELEVATION:	1,401		
CQA MONITOR:	Ana Levosada & Julian Obusan, E.I.T.	WELL CASING MATERIAL:	2-INCH STAINLESS STEEL		
CONTRACTOR:	Cascade Remediation Services, LLC	END CAP MATERIAL:	2-INCH STAINLESS STEEL		
DRILLER:	Cascade Remediation Services, LLC	TARGET DEPTH:	320 FT		
DRILL RIG:	ProSonic 600T	COMPLETION DEPTH:	142 FT		

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	NOT MONITORED
10 TO 20	PLASTIC/SOIL/ROCK, MILD, DRY
20 TO 30	NOT MONITORED
30 TO 40	PLASTIC/TEXTILE, MODERATE, MOIST
40 TO 50	NOT MONITORED
50 TO 60	PLASTIC/TEXTILE, SEVERE, MOIST
60 TO 70	PLASTIC/WOOD, MODERATE, MOIST
70 TO 80	PLASTIC/WOOD/TEXTILE, MILD, DRY
80 TO 90	PLASTIC/WOOD, MILD, DRY
90 TO 100	PLASTIC/PAPER/WOOD, MILD, DRY
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	PLASTIC, SEVERE, MOIST
130 TO 140	NOT MONITORED
140 TO 142	NOT MONITORED

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	NOT MONITORED
10 TO 20	110
20 TO 30	NOT MONITORED
30 TO 40	144
40 TO 50	NOT MONITORED
50 TO 60	140
60 TO 70	142
70 TO 80	152
80 TO 90	148
90 TO 100	142
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	162
130 TO 140	NOT MONITORED
140 TO 142	NOT MONITORED



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	1	
SOLID PIPE	142	0 TO 142
BACKFILL:		
BENTONITE SEAL	1	0 TO 1
LOWER SOIL PLUG	141	1 TO 142
BORING DIAMETER:		
6 INCHES	142	0 TO 142

TETRA TECH

Chiquita Canyon Landfill 2024 Landfill Gas Well Drilling
Temperature Probe Completion Log

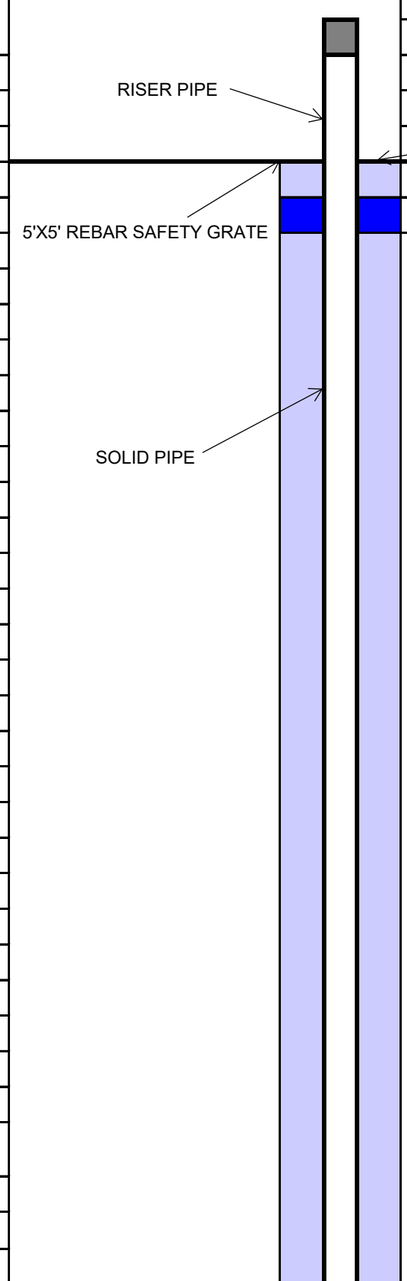
Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	6/24/2025
COMPLETION DATE:	6/25/2025
CQA MONITOR:	Julian Obusan, E.I.T.
CONTRACTOR:	Cascade Remediation Services, LLC
DRILLER:	Cascade Remediation Services, LLC
DRILL RIG:	PRO SONIC 600 T

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	NOT MONITORED
10 TO 20	NOT MONITORED
20 TO 30	NOT MONITORED
30 TO 40	NOT MONITORED
40 TO 50	NOT MONITORED
50 TO 60	NOT MONITORED
60 TO 70	NOT MONITORED
70 TO 80	NOT MONITORED
80 TO 90	NOT MONITORED
90 TO 100	NOT MONITORED
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	NOT MONITORED
130 TO 140	PLASTIC, SEVERE, DRY
140 TO 150	NOT MONITORED
150 TO 160	NOT MONITORED
160 TO 170	NOT MONITORED
170 TO 180	NOT MONITORED
180 TO 190	PLASTIC, MODERATE, DRY
190 TO 200	NOT MONITORED
200 TO 210	NOT MONITORED
210 TO 220	PLASTIC, MODERATE, DRY
220 TO 230	NOT MONITORED
230 TO 240	NOT MONITORED
240 TO 250	PLASTIC, MODERATE, DRY

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	NOT MONITORED
10 TO 20	NOT MONITORED
20 TO 30	NOT MONITORED
30 TO 40	NOT MONITORED
40 TO 50	NOT MONITORED
50 TO 60	NOT MONITORED
60 TO 70	NOT MONITORED
70 TO 80	NOT MONITORED
80 TO 90	NOT MONITORED
90 TO 100	NOT MONITORED
100 TO 110	NOT MONITORED
110 TO 120	NOT MONITORED
120 TO 130	NOT MONITORED
130 TO 140	163
140 TO 150	NOT MONITORED
150 TO 160	NOT MONITORED
160 TO 170	NOT MONITORED
170 TO 180	NOT MONITORED
180 TO 190	130
190 TO 200	NOT MONITORED
200 TO 210	NOT MONITORED
210 TO 220	162
220 TO 230	NOT MONITORED
230 TO 240	NOT MONITORED
240 TO 250	150



TEMPERATURE PROBE ID:	TP-36
COORDINATES:	N: 1,980,190, E: 6,366,176
SURFACE ELEVATION:	1,371
TOP OF CASING ELEVATION:	1,376
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	250 FT
COMPLETION DEPTH:	250 FT

COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	5	
SOLID PIPE	250	0 TO 250
BACKFILL:		
UPPER SOIL PLUG	2	0 TO 2
BENTONITE SEAL	1	2 TO 3
ROCK	247	3 TO 247
BORING DIAMETER:		
6 INCHES	247	0 TO 247

Chiquita Canyon Landfill 2024 Landfill Gas Well Drilling
Temperature Probe Completion Log

Tetra Tech, BAS Inc.

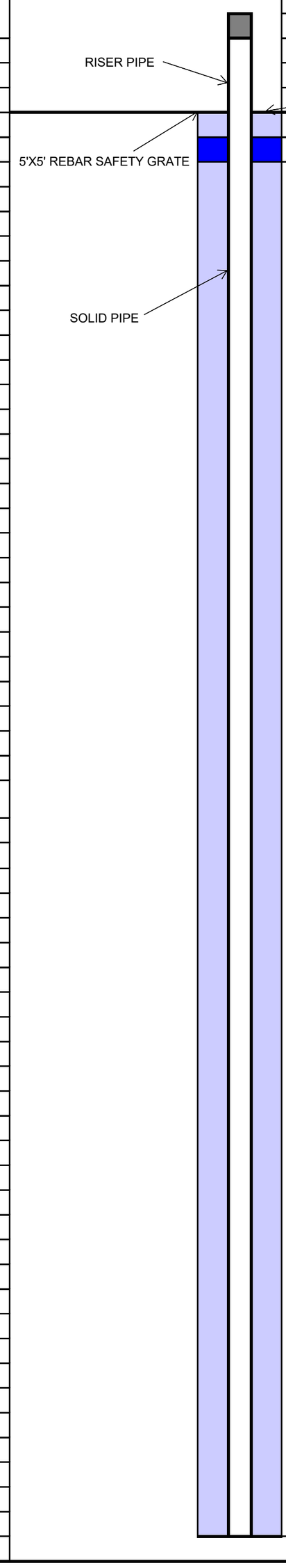
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	8/18/2025
COMPLETION DATE:	8/25/2025
CQA MONITOR:	Keith Hussain
CONTRACTOR:	Boart Longyear
DRILLER:	Boart Longyear
DRILL RIG:	LS 450

TEMPERATURE PROBE ID:	TP-37
COORDINATES:	N: 1,980,945, E: 6,367,236
SURFACE ELEVATION:	1,385
TOP OF CASING ELEVATION:	1,387
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	288 FT
COMPLETION DEPTH:	180 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PAPER/PLASTIC/WOOD, SEVERE, MOIST
10 TO 20	PAPER/PLASTIC/WOOD, SEVERE, MOIST
20 TO 30	PAPER/PLASTIC/WOOD, SOME, MOIST
30 TO 40	PAPER/PLASTIC/WOOD, SOME, MOIST
40 TO 50	PAPER/PLASTIC/WOOD, MODERATE, MOIST
50 TO 60	PAPER/PLASTIC/WOOD, MODERATE, MOIST
60 TO 70	PAPER/PLASTIC/WOOD, MODERATE, MOIST
70 TO 80	PAPER/PLASTIC/WOOD, MODERATE, MOIST
80 TO 90	PAPER/PLASTIC/WOOD, MODERATE, MOIST
90 TO 100	PAPER/PLASTIC/WOOD, MODERATE, MOIST
100 TO 110	PAPER/PLASTIC/WOOD, MODERATE, MOIST
110 TO 120	PAPER/PLASTIC/WOOD, MODERATE, MOIST
120 TO 130	PAPER/PLASTIC/WOOD, MODERATE, MOIST
130 TO 140	PAPER/PLASTIC/WOOD, MODERATE, MOIST
140 TO 150	PAPER/PLASTIC/WOOD, MODERATE, MOIST
150 TO 160	PAPER/PLASTIC/WOOD, MODERATE, MOIST
160 TO 170	PAPER/PLASTIC/WOOD, MODERATE, MOIST
170 TO 180	PAPER/PLASTIC/WOOD, MODERATE, DRY

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	100
10 TO 20	128
20 TO 30	150
30 TO 40	164
40 TO 50	135
50 TO 60	190
60 TO 70	170
70 TO 80	178
80 TO 90	206
90 TO 100	170
100 TO 110	170
110 TO 120	164
120 TO 130	190
130 TO 140	186
140 TO 150	180
150 TO 160	168
160 TO 170	152
170 TO 180	162



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	2	
SOLID PIPE	180	0 TO 180
BACKFILL:		
UPPER SOIL PLUG	3	0 TO 3
UPPER BENTONITE SEAL	2	3 TO 5
LOWER SOIL PLUG	175	5 TO 180
BORING DIAMETER:		
8 INCHES	50	0 TO 50
7 INCHES	130	50 TO 180

Chiquita Canyon Landfill 2024 Landfill Gas Well Drilling
Temperature Probe Completion Log

Tetra Tech, BAS Inc.

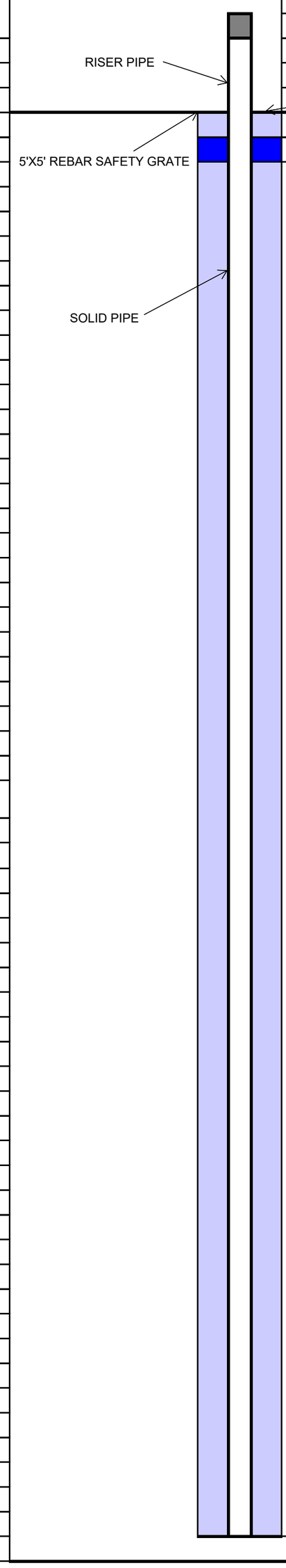
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	8/26/2025
COMPLETION DATE:	9/4/2025
CQA MONITOR:	Julian Obusan, E.I.T. and Keith Hussain
CONTRACTOR:	Boart Longyear
DRILLER:	Boart Longyear
DRILL RIG:	LS 450

TEMPERATURE PROBE ID:	TP-38
COORDINATES:	N: 1,980,732, E: 6,367,309
SURFACE ELEVATION:	1,340
TOP OF CASING ELEVATION:	1,342
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	250 FT
COMPLETION DEPTH:	250 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PAPER/PLASTIC/METAL/WOOD, MODERATE, DRY
10 TO 20	PAPER/PLASTIC/METAL/WOOD, MODERATE, DRY
20 TO 30	PAPER/PLASTIC/METAL/WOOD, SOME, DRY
30 TO 40	PAPER/PLASTIC/METAL/WOOD, SOME, DRY
40 TO 50	PAPER/PLASTIC/METAL/WOOD, SOME, DRY
50 TO 60	PAPER/PLASTIC/METAL/WOOD, MODERATE, MOIST
60 TO 70	PAPER/PLASTIC/METAL/WOOD, SEVERE, DRY
70 TO 80	PAPER/PLASTIC/METAL/WOOD, SEVERE, DRY
80 TO 90	PAPER/PLASTIC/METAL/WOOD, SEVERE, DRY
90 TO 100	PAPER/PLASTIC/METAL/WOOD, MODERATE, DRY
100 TO 110	PAPER/PLASTIC/METAL/WOOD, MODERATE, DRY
110 TO 120	PAPER/PLASTIC/METAL/WOOD, MODERATE, DRY
120 TO 130	PAPER/PLASTIC/METAL/WOOD, MODERATE, DRY
130 TO 140	SOIL, SEVERE, DRY
140 TO 150	PLASTIC/PAPER, SEVERE, MOIST
150 TO 160	PLASTIC/PAPER, SEVERE, DRY
160 TO 170	PLASTIC/PAPER, SEVERE, DRY
170 TO 180	PLASTIC/PAPER, SEVERE, MOIST
180 TO 190	PLASTIC/PAPER, SEVERE, MOIST
190 TO 200	PLASTIC, SEVERE, DRY
200 TO 210	PLASTIC, SEVERE, DRY
210 TO 220	PLASTIC, SEVERE, DRY
220 TO 230	PLASTIC, SEVERE, DRY
230 TO 240	PLASTIC, SEVERE, DRY
240 TO 250	PLASTIC, SEVERE, DRY

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	126
10 TO 20	150
20 TO 30	180
30 TO 40	166
40 TO 50	200
50 TO 60	175
60 TO 70	188
70 TO 80	190
80 TO 90	180
90 TO 100	165
100 TO 110	174
110 TO 120	200
120 TO 130	196
130 TO 140	185
140 TO 150	188
150 TO 160	174
160 TO 170	168
170 TO 180	127
180 TO 190	174
190 TO 200	158
200 TO 210	178
210 TO 220	150
220 TO 230	164
230 TO 240	157
240 TO 250	165



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	2	
SOLID PIPE	250	0 TO 250
BACKFILL:		
UPPER SOIL PLUG	3	0 TO 3
UPPER BENTONITE SEAL	2	3 TO 5
LOWER SOIL PLUG	245	5 TO 250
BORING DIAMETER:		
8 INCHES	100	0 TO 100
7 INCHES	90	100 TO 190
6 INCHES	60	190 TO 250

Chiquita Canyon Landfill 2024 Landfill Gas Well Drilling
Temperature Probe Completion Log

Tetra Tech, BAS Inc.

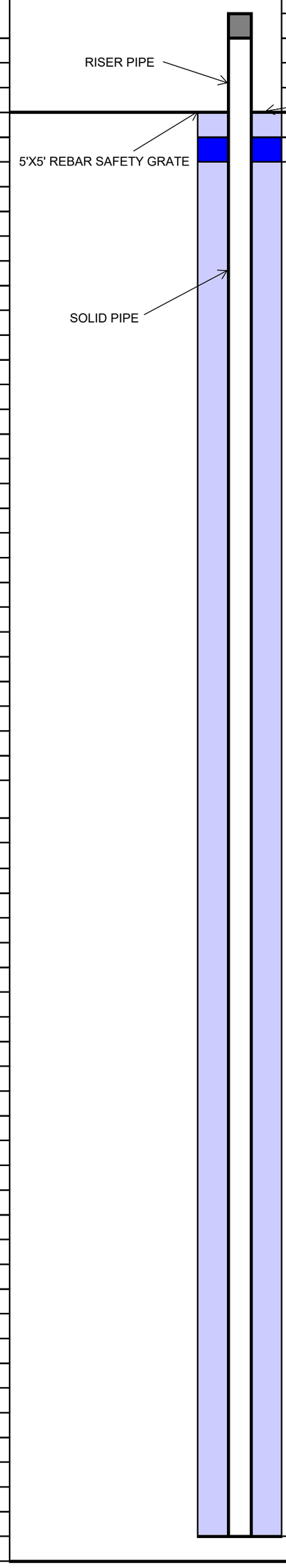
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	9/5/2025
COMPLETION DATE:	9/18/2025
CQA MONITOR:	Julian Obusan, E.I.T., Ana Levisada and Keith Hussain
CONTRACTOR:	Boart Longyear
DRILLER:	Boart Longyear
DRILL RIG:	LS 450

TEMPERATURE PROBE ID:	TP-39
COORDINATES:	N: 1,980,386, E: 6,366,790
SURFACE ELEVATION:	1,333
TOP OF CASING ELEVATION:	1,335
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	261 FT
COMPLETION DEPTH:	190 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PLASTIC/METAL/WOOD, SOME, DRY
10 TO 20	PLASTIC/WOOD, SOME, DRY
20 TO 30	PLASTIC/WOOD, SOME, DRY
30 TO 40	PLASTIC/WOOD, MODERATE, DRY
40 TO 50	PLASTIC/WOOD, SOME, DRY
50 TO 60	PLASTIC/WOOD, SOME, DRY
60 TO 70	PLASTIC/WOOD, MODERATE, DRY
70 TO 80	PLASTIC/WOOD, MODERATE, DRY
80 TO 90	PLASTIC/WOOD, MODERATE, DRY
90 TO 100	PAPER/PLASTIC/WOOD, MODERATE, DRY
100 TO 110	PAPER/PLASTIC/WOOD, MODERATE, DRY
110 TO 120	PAPER/PLASTIC/WOOD, MODERATE, DRY
120 TO 130	PAPER/PLASTIC/WOOD, MODERATE, DRY
130 TO 140	PLASTIC/WOOD, MODERATE, DRY
140 TO 150	WOOD/ROCK, SEVERE, DRY
150 TO 160	PLASTIC/WOOD, MODERATE, MOIST
160 TO 170	PLASTIC, SEVERE, MOIST
170 TO 180	PLASTIC, SEVERE, MOIST
180 TO 190	PLASTIC/WOOD, SEVERE, DRY

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	108
10 TO 20	116
20 TO 30	165
30 TO 40	152
40 TO 50	178
50 TO 60	192
60 TO 70	183
70 TO 80	165
80 TO 90	128
90 TO 100	152
100 TO 110	175
110 TO 120	156
120 TO 130	172
130 TO 140	166
140 TO 150	164
150 TO 160	173
160 TO 170	166
170 TO 180	180
180 TO 190	156



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	2	
SOLID PIPE	190	0 TO 190
BACKFILL:		
UPPER SOIL PLUG	3	0 TO 3
UPPER BENTONITE SEAL	2	3 TO 5
LOWER SOIL PLUG	185	5 TO 190
BORING DIAMETER:		
8 INCHES	70	0 TO70
7 INCHES	120	70 TO 190

Chiquita Canyon Landfill 2024 Landfill Gas Well Drilling
Temperature Probe Completion Log

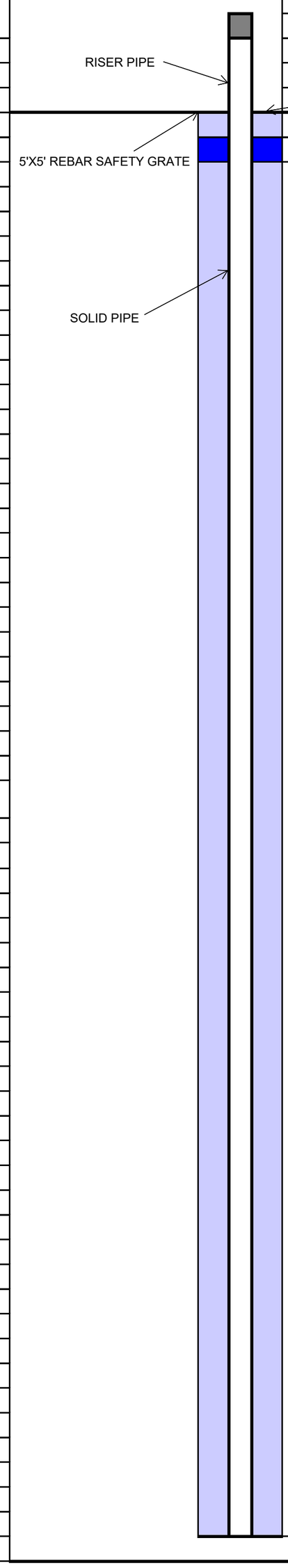
Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	9/20/2025
COMPLETION DATE:	9/24/2025
CQA MONITOR:	Ana Levisada and Keith Hussain
CONTRACTOR:	Boart Longyear
DRILLER:	Boart Longyear
DRILL RIG:	LS 450

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	METAL/PLASTIC/WOOD, MODERATE, MOIST
10 TO 20	METAL/PLASTIC/WOOD, MODERATE, DRY
20 TO 30	METAL/PLASTIC/TEXTILE/WOOD, SOME, DRY
30 TO 40	PLASTIC/WOOD, SOME, DRY
40 TO 50	PLASTIC/WOOD, SOME, DRY
50 TO 60	PLASTIC, MODERATE, MOIST
60 TO 70	PLASTIC/WOOD, MODERATE, DRY
70 TO 80	PLASTIC/WOOD, MODERATE, DRY
80 TO 90	PLASTIC, MODERATE, MOIST
90 TO 100	PLASTIC/WOOD, MODERATE, DRY
100 TO 110	PLASTIC, MODERATE, MOIST
110 TO 120	PLASTIC/WOOD, MODERATE, DRY
120 TO 130	PLASTIC, MODERATE, DRY
130 TO 140	PLASTIC/WOOD, MODERATE, DRY
140 TO 150	SOIL/WOOD/PLASTIC, MODERATE, DRY
150 TO 160	SAND/PLASTIC/WOOD, MODERATE, DRY
160 TO 170	PLASTIC/WOOD, MODERATE, DRY
170 TO 180	PLASTIC/WOOD, MODERATE, DRY
180 TO 190	PLASTIC/WOOD, MODERATE, DRY
190 TO 200	PLASTIC/WOOD, MODERATE, MOIST
200 TO 210	PLASTIC, MODERATE, DRY
210 TO 220	PLASTIC, SEVERE, DRY

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	130
10 TO 20	152
20 TO 30	116
30 TO 40	162
40 TO 50	170
50 TO 60	90
60 TO 70	110
70 TO 80	110
80 TO 90	104
90 TO 100	118
100 TO 110	110
110 TO 120	102
120 TO 130	112
130 TO 140	132
140 TO 150	156
150 TO 160	154
160 TO 170	154
170 TO 180	144
180 TO 190	142
190 TO 200	180
200 TO 210	148
210 TO 220	148



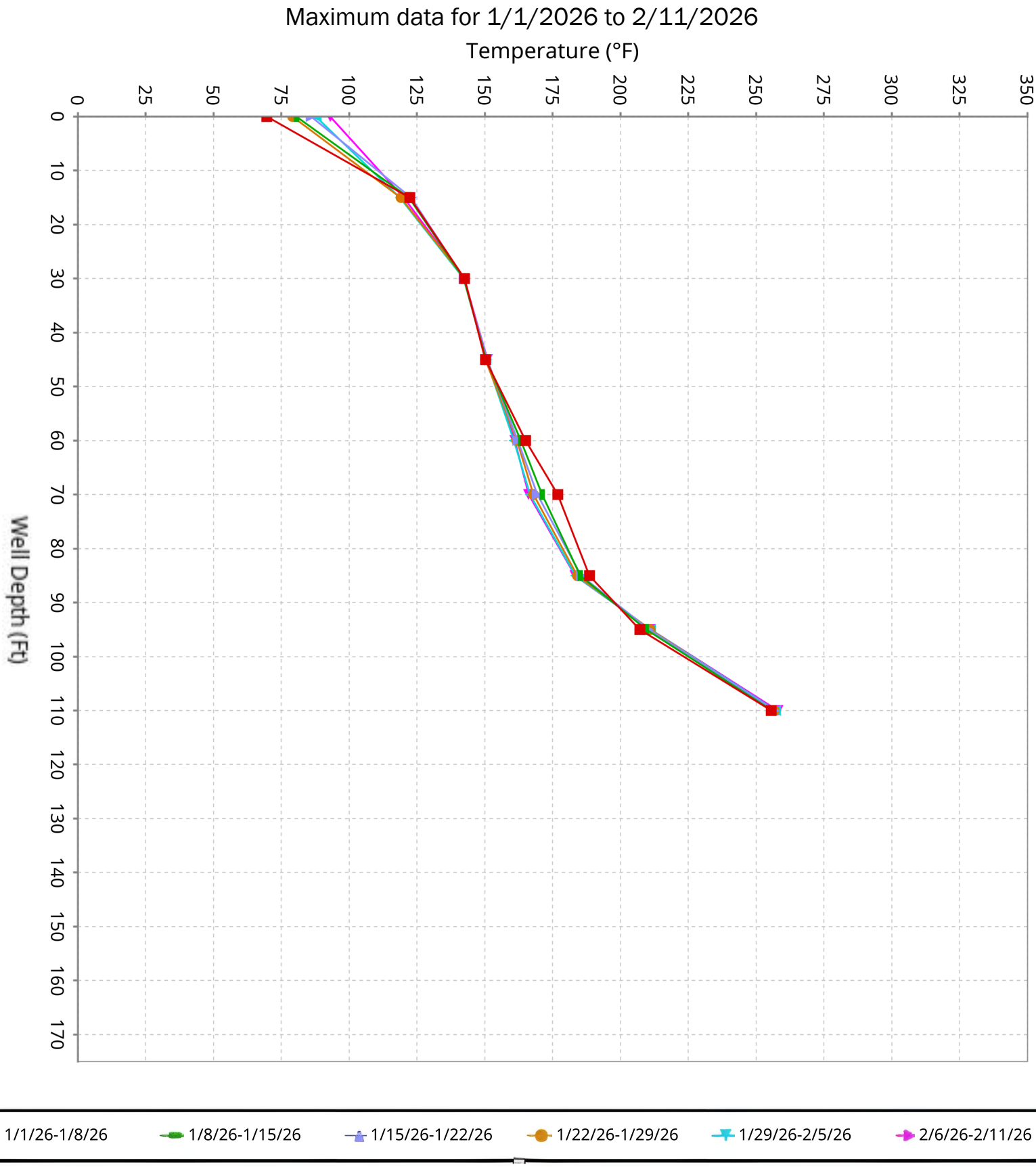
TEMPERATURE PROBE ID:	TP-40
COORDINATES:	N: 1,979,663, E: 6,365,958
SURFACE ELEVATION:	1,277
TOP OF CASING ELEVATION:	Zxas
WELL CASING MATERIAL:	2-INCH STAINLESS STEEL
END CAP MATERIAL:	2-INCH STAINLESS STEEL
TARGET DEPTH:	221 FT
COMPLETION DEPTH:	220 FT

COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	2	
SOLID PIPE	220	0 TO 220
BACKFILL:		
UPPER SOIL PLUG	3	0 TO 3
UPPER BENTONITE SEAL	2	3 TO 5
LOWER SOIL PLUG	215	5 TO 220
BORING DIAMETER:		
7 INCHES	60	0 TO 60
6 INCHES	160	60 TO 220

Appendix B

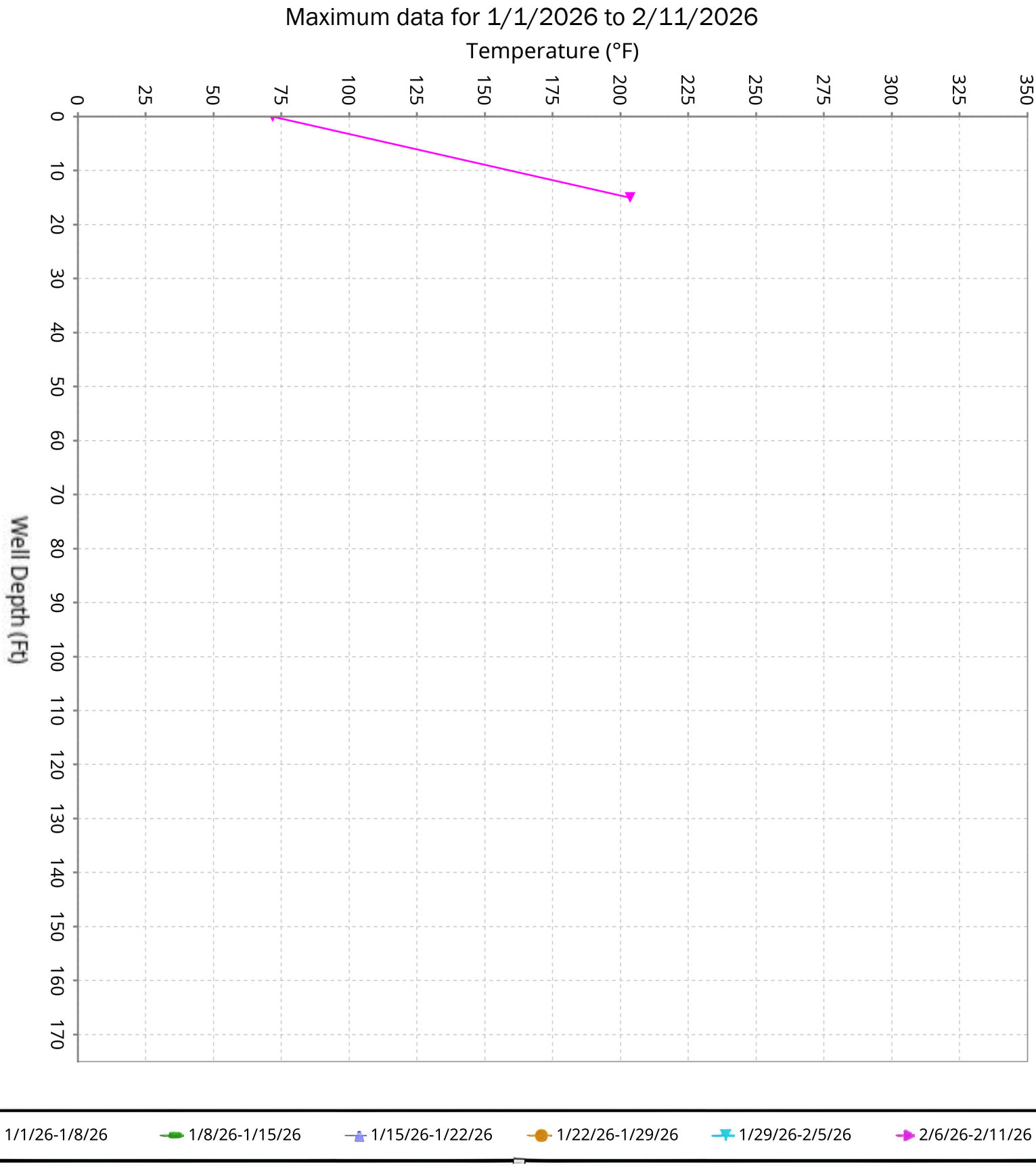
Solid Waste Borehole Temperature Profiles

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-21



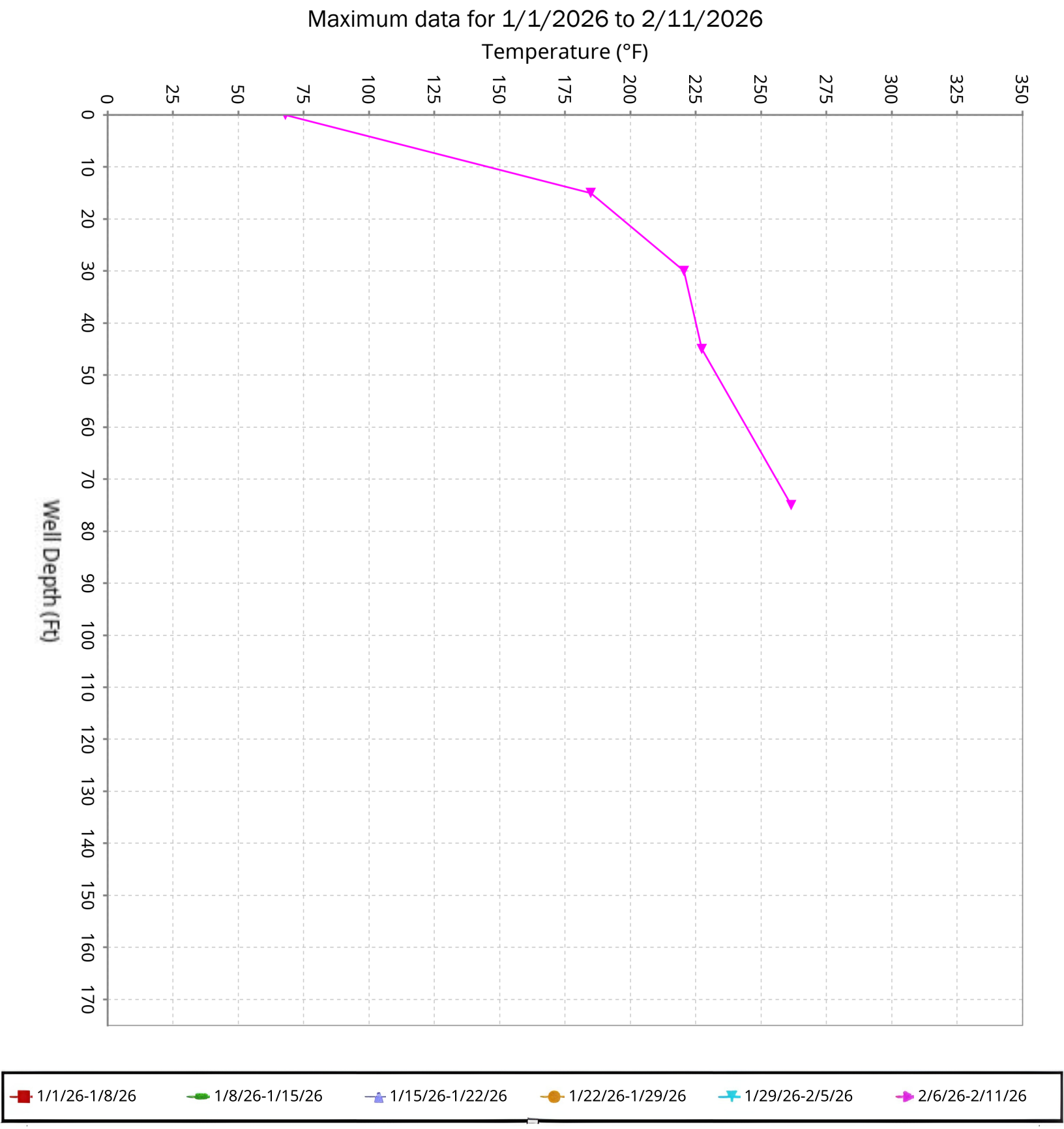
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-22



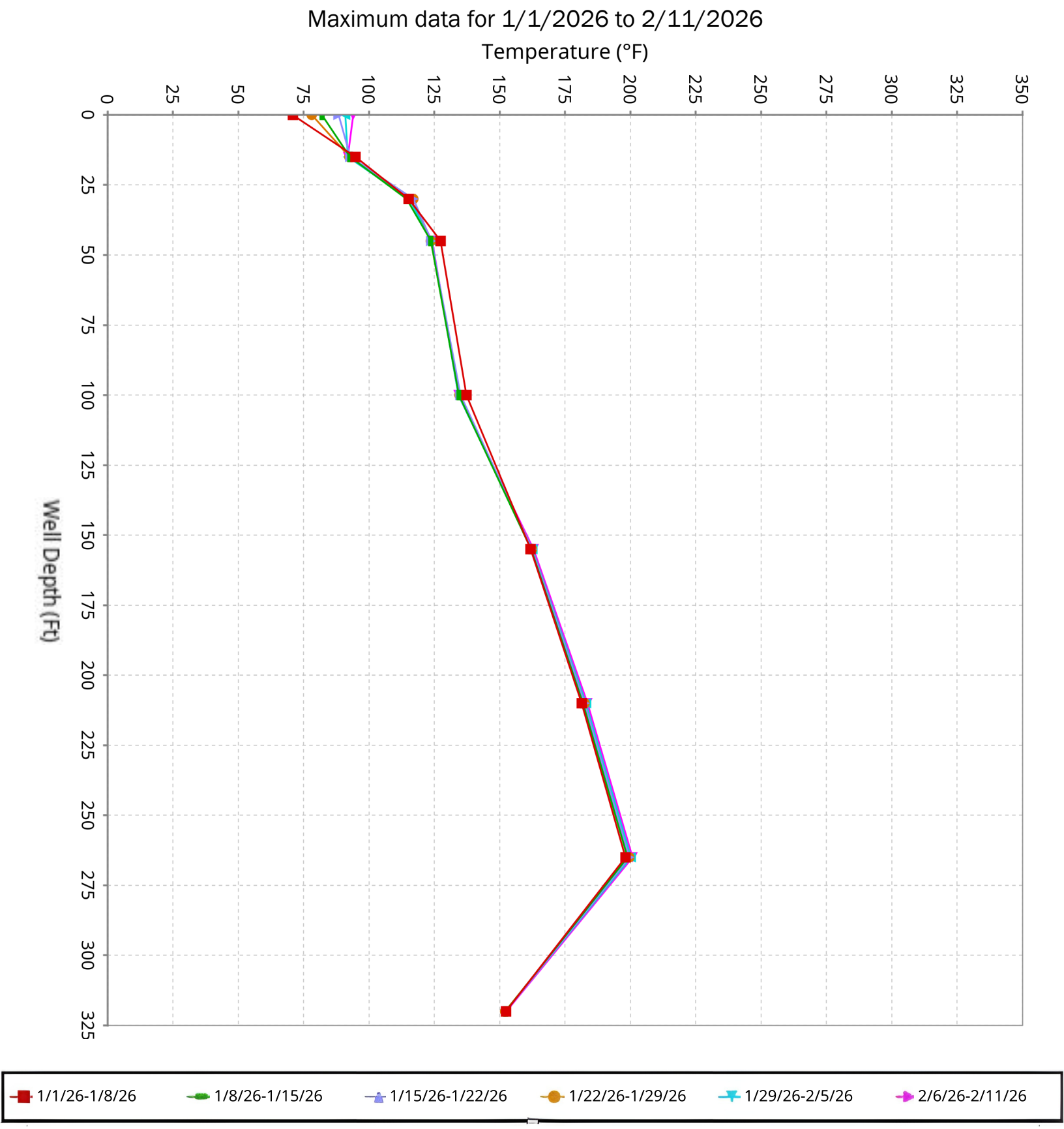
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-23



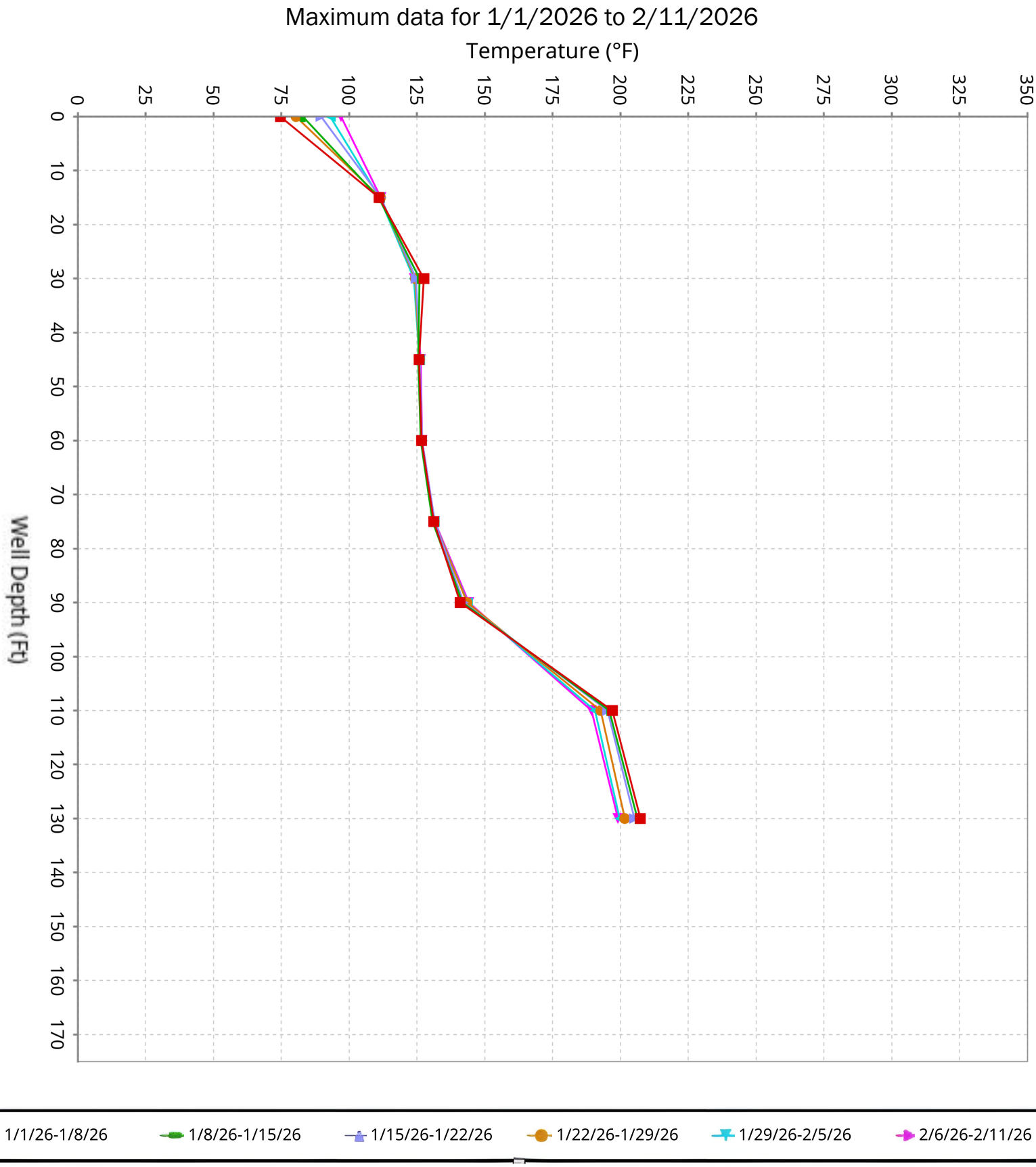
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-24



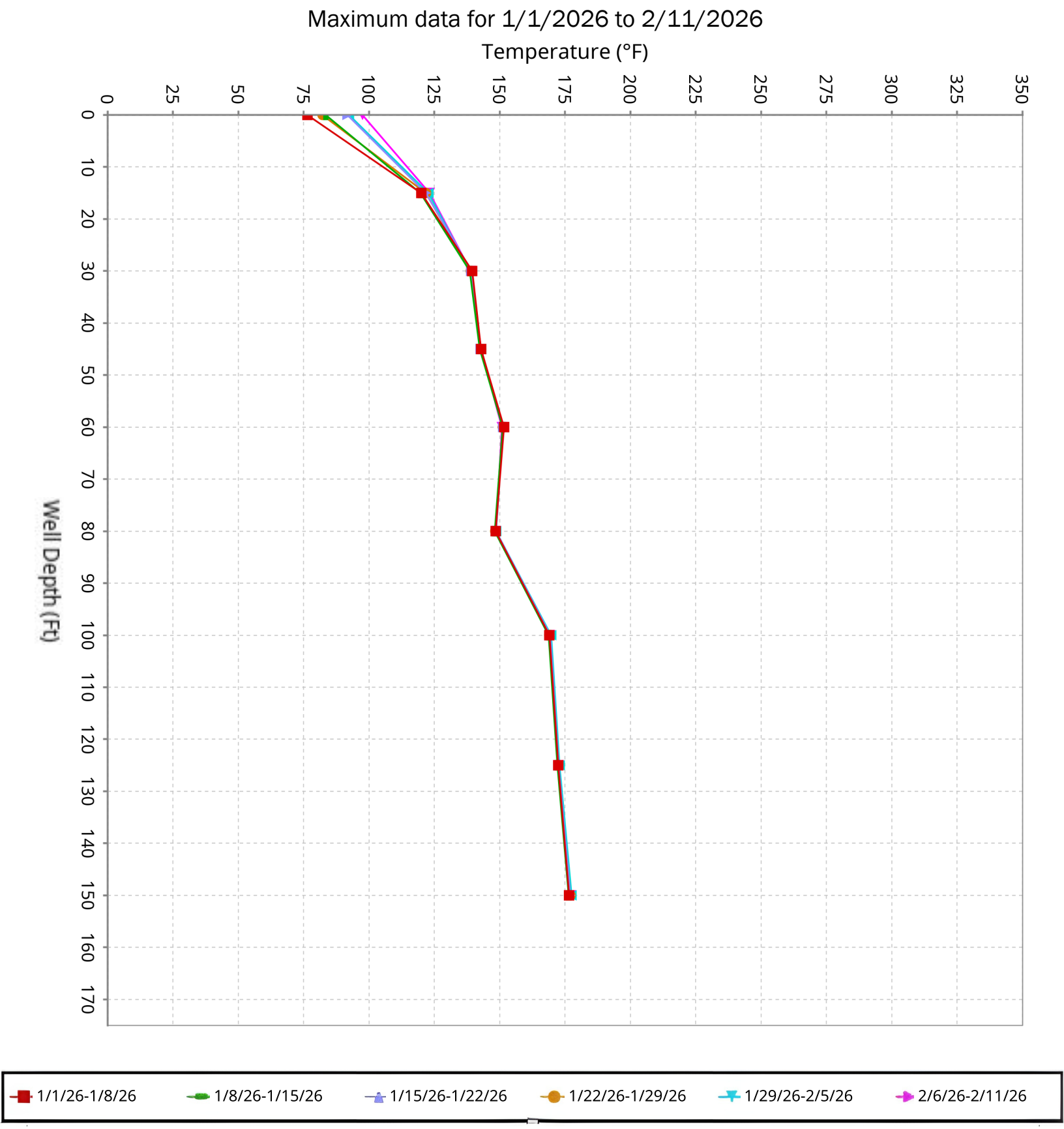
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-25



SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-26



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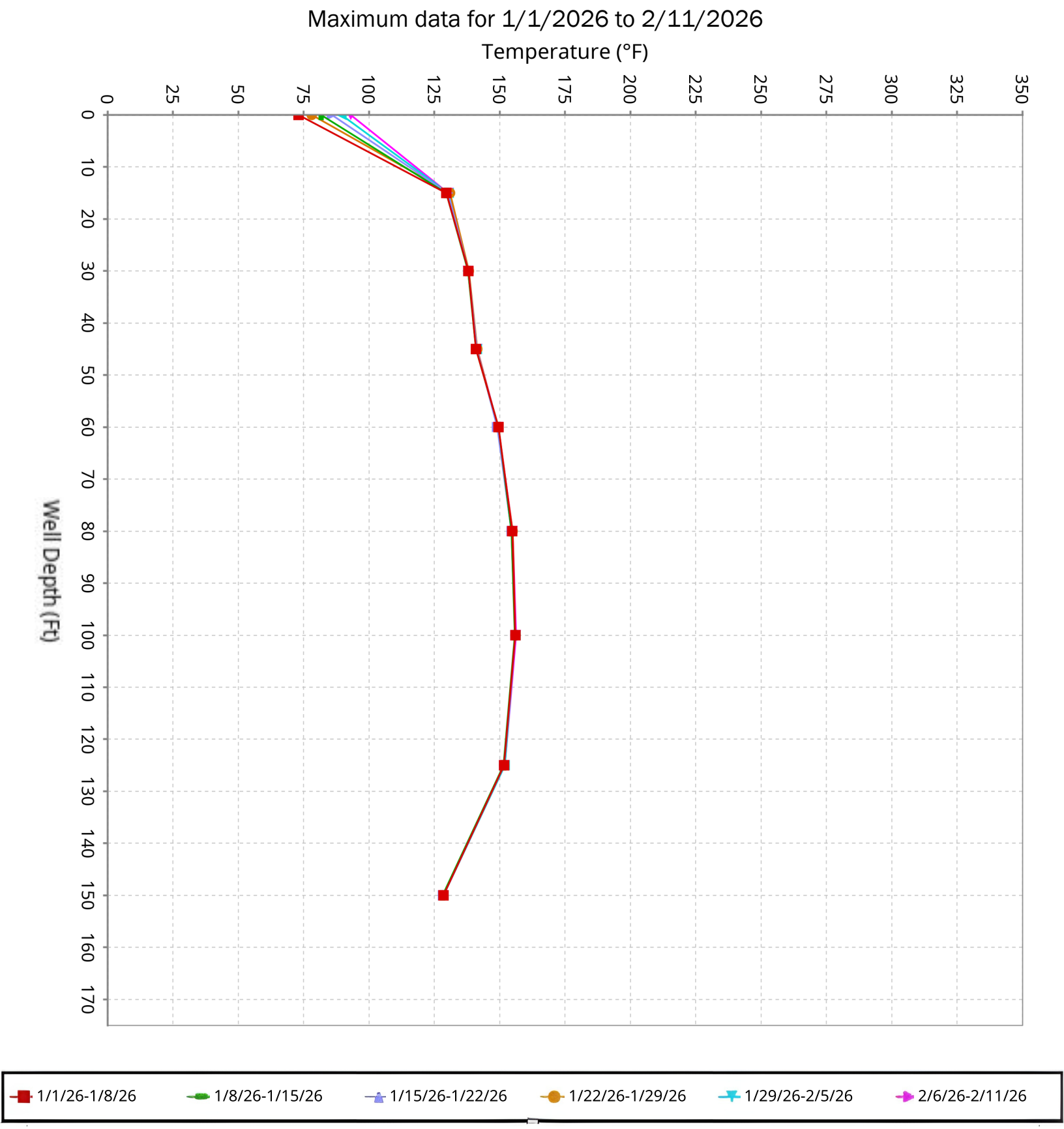
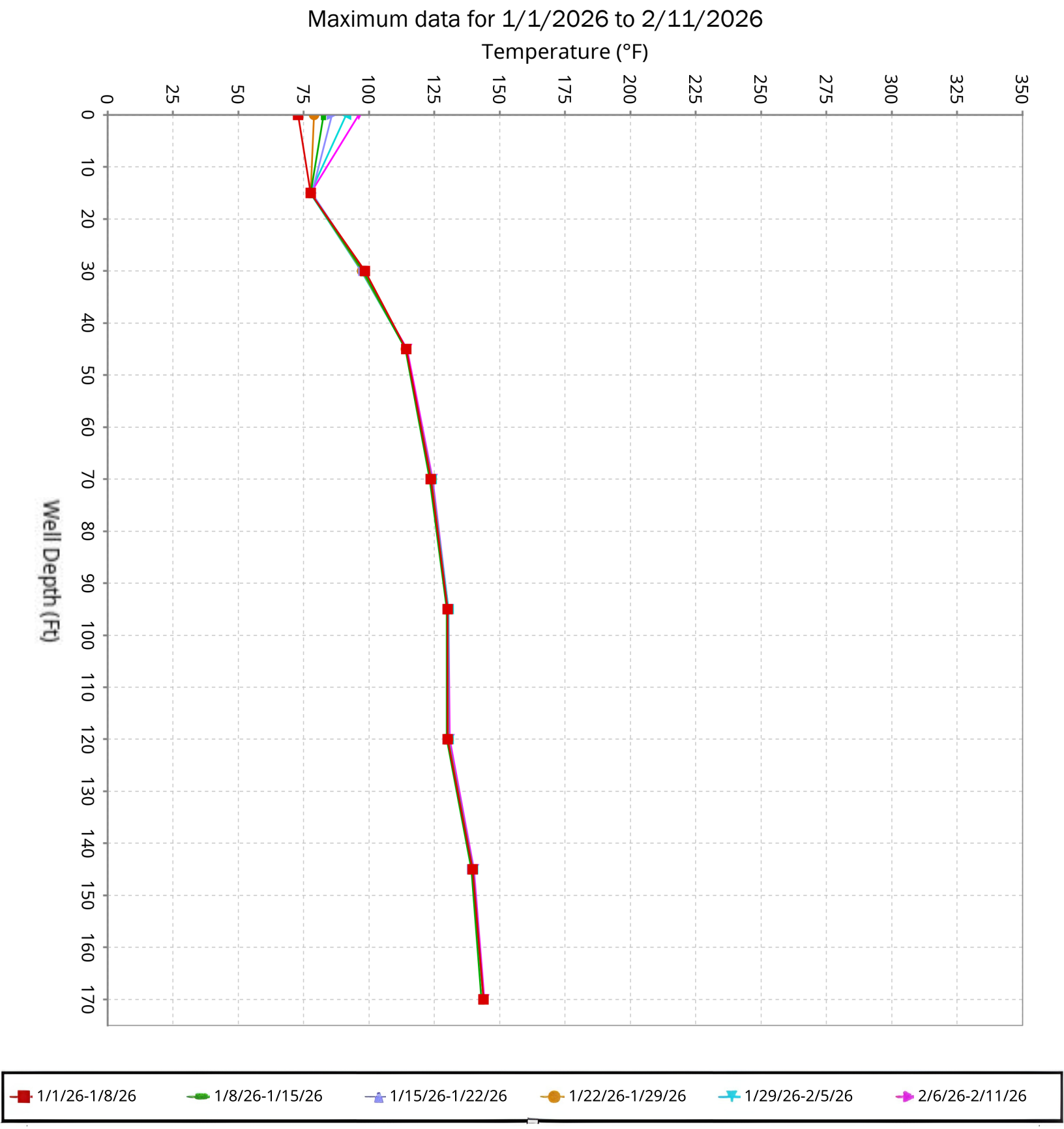
Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-27



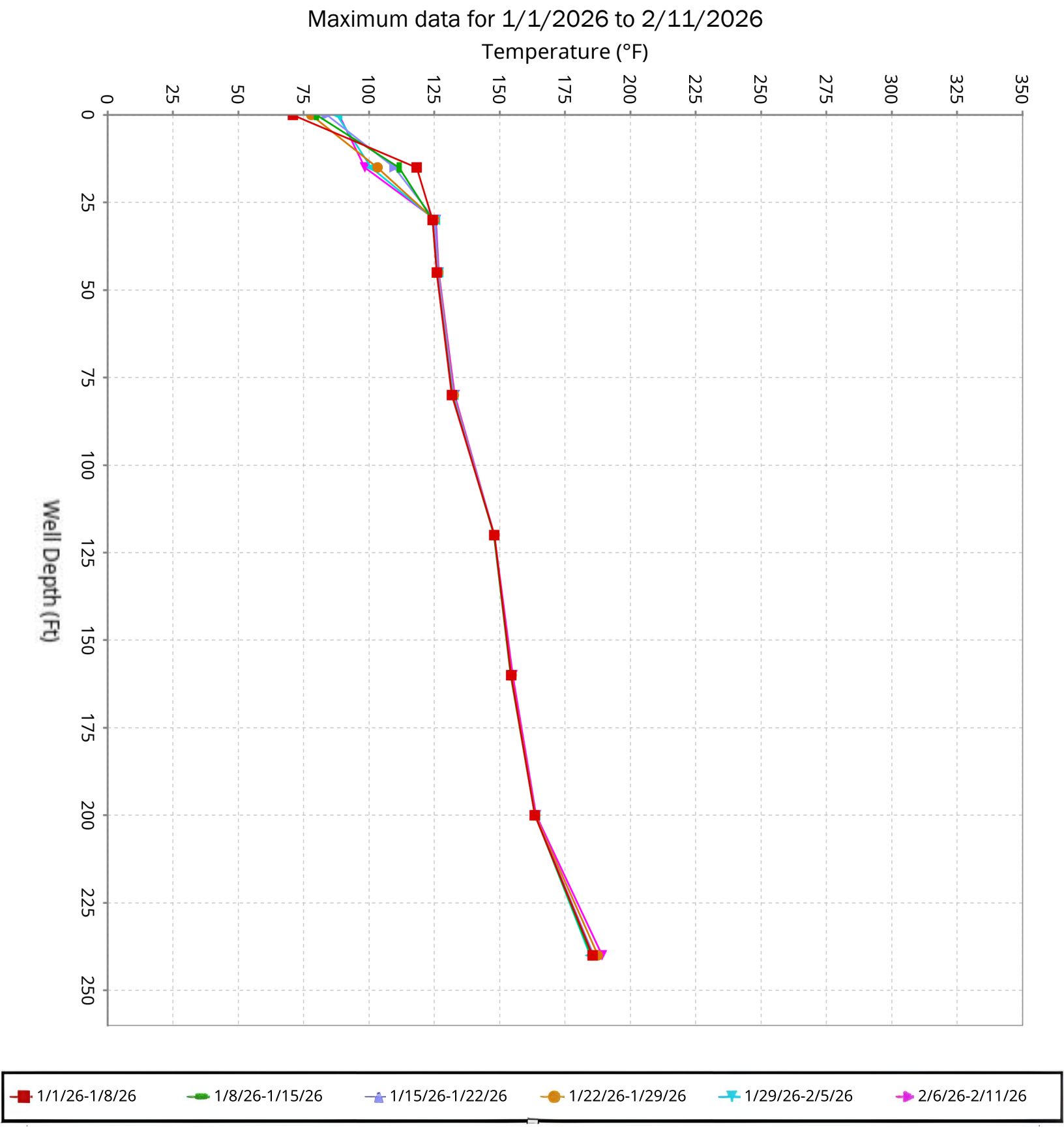
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-28



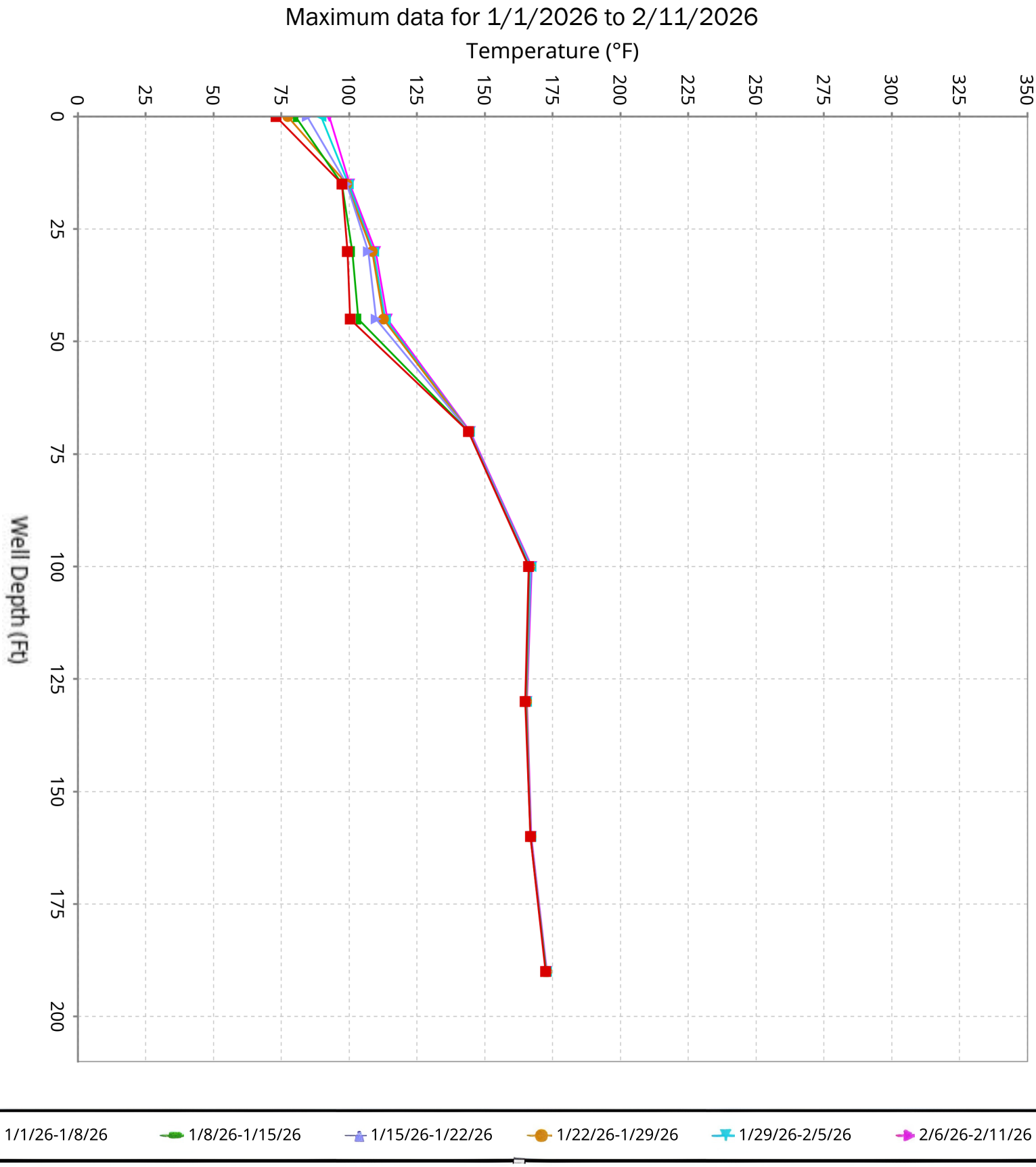
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-29



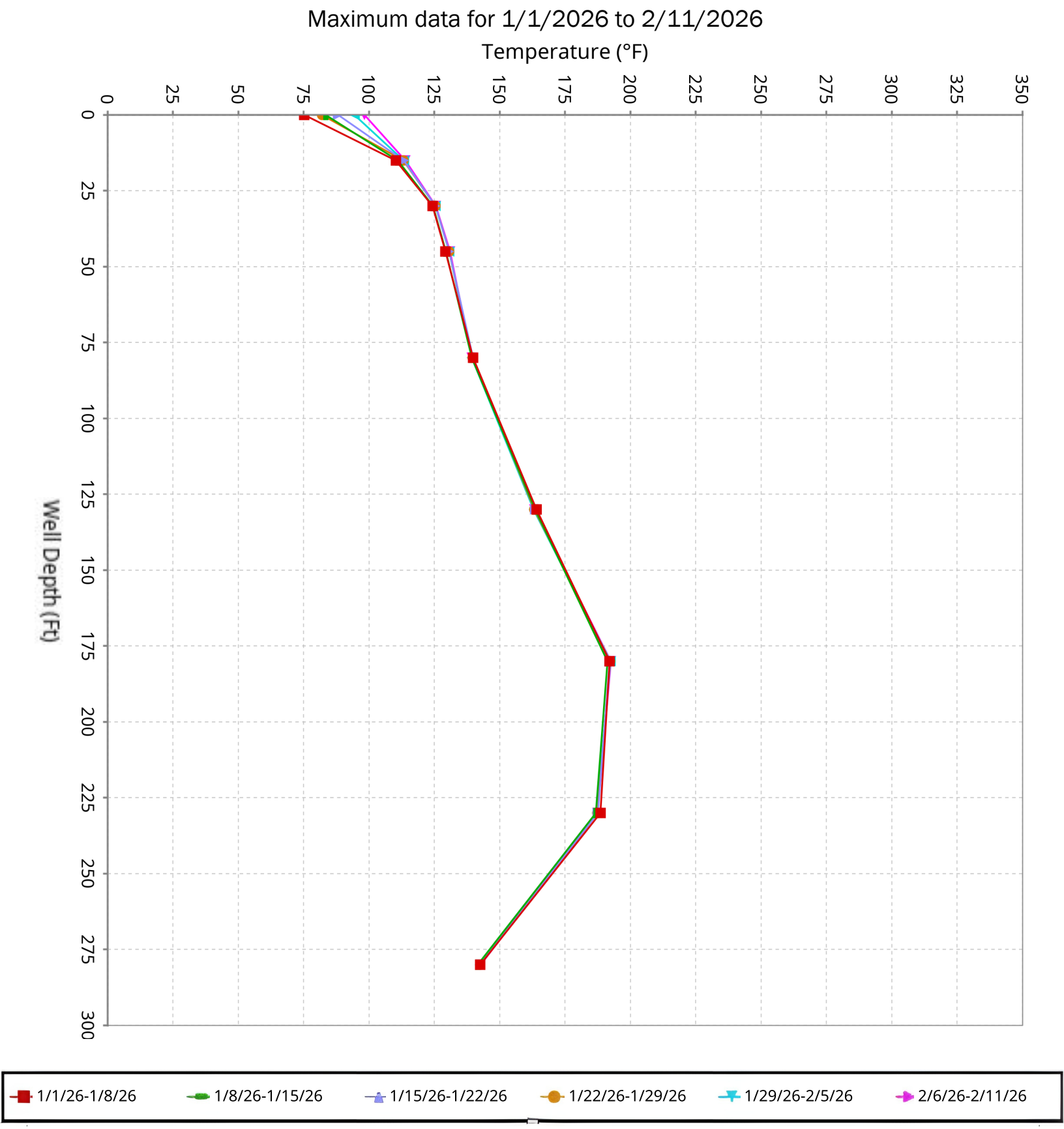
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-30



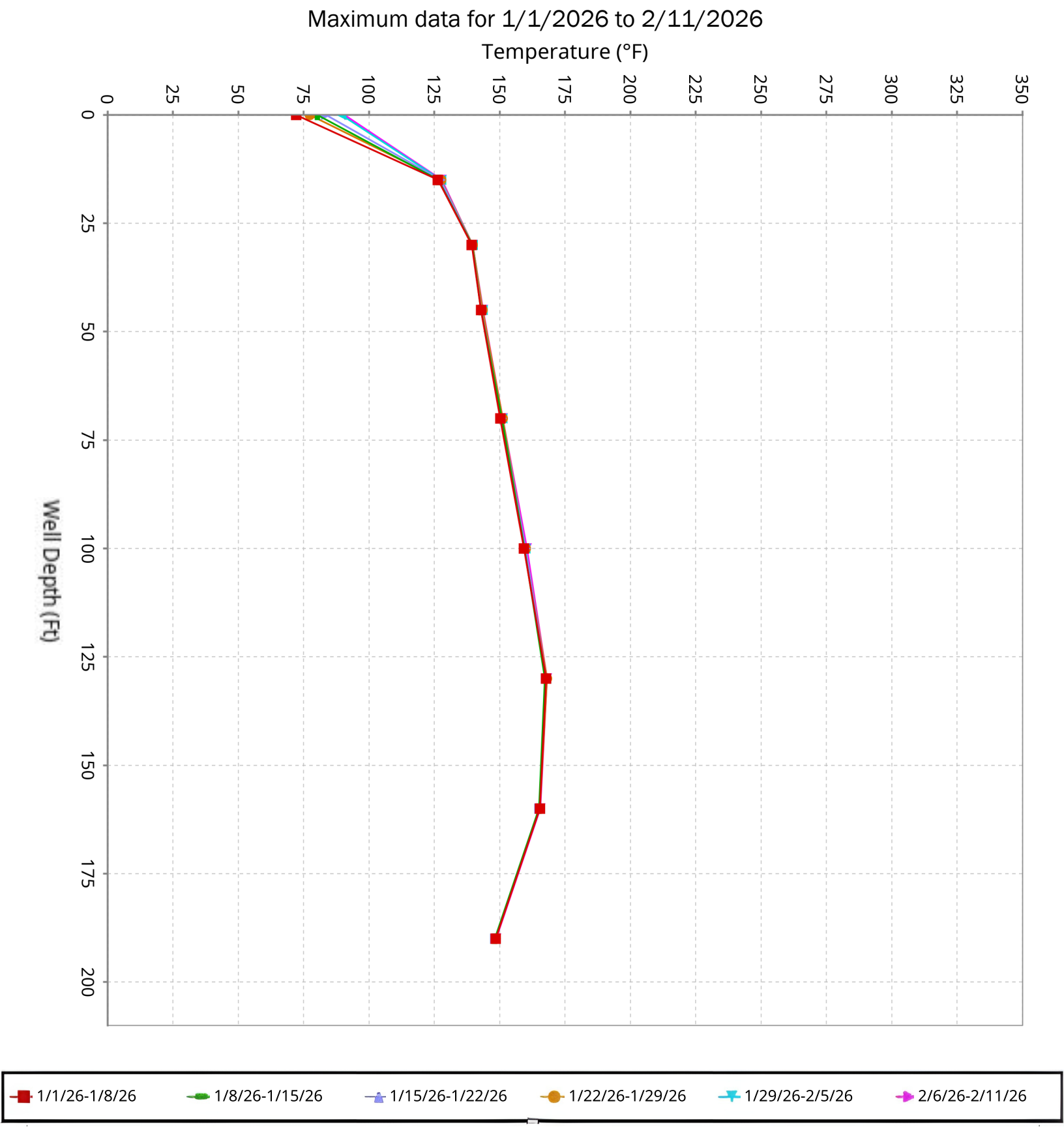
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-31



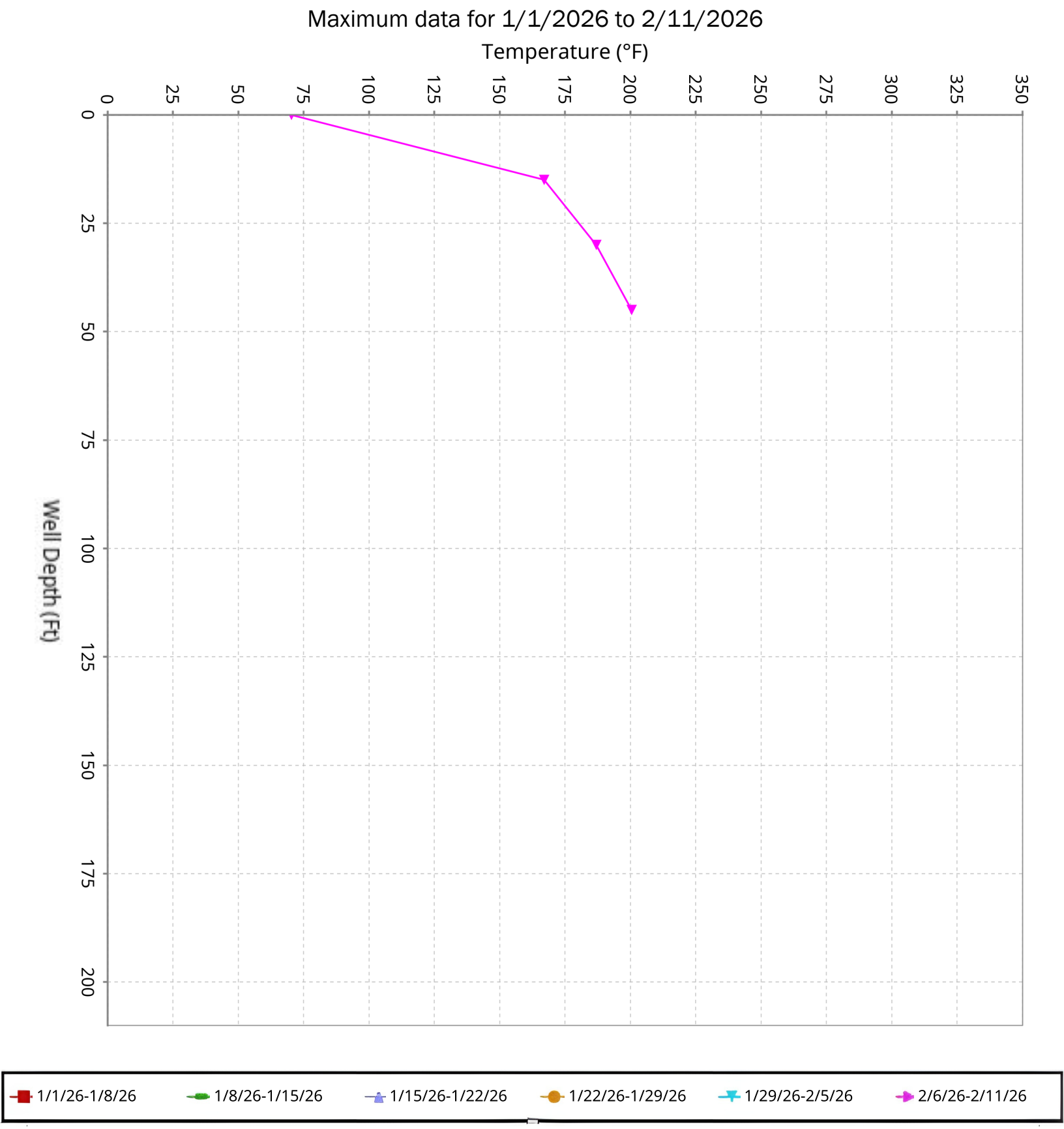
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-32



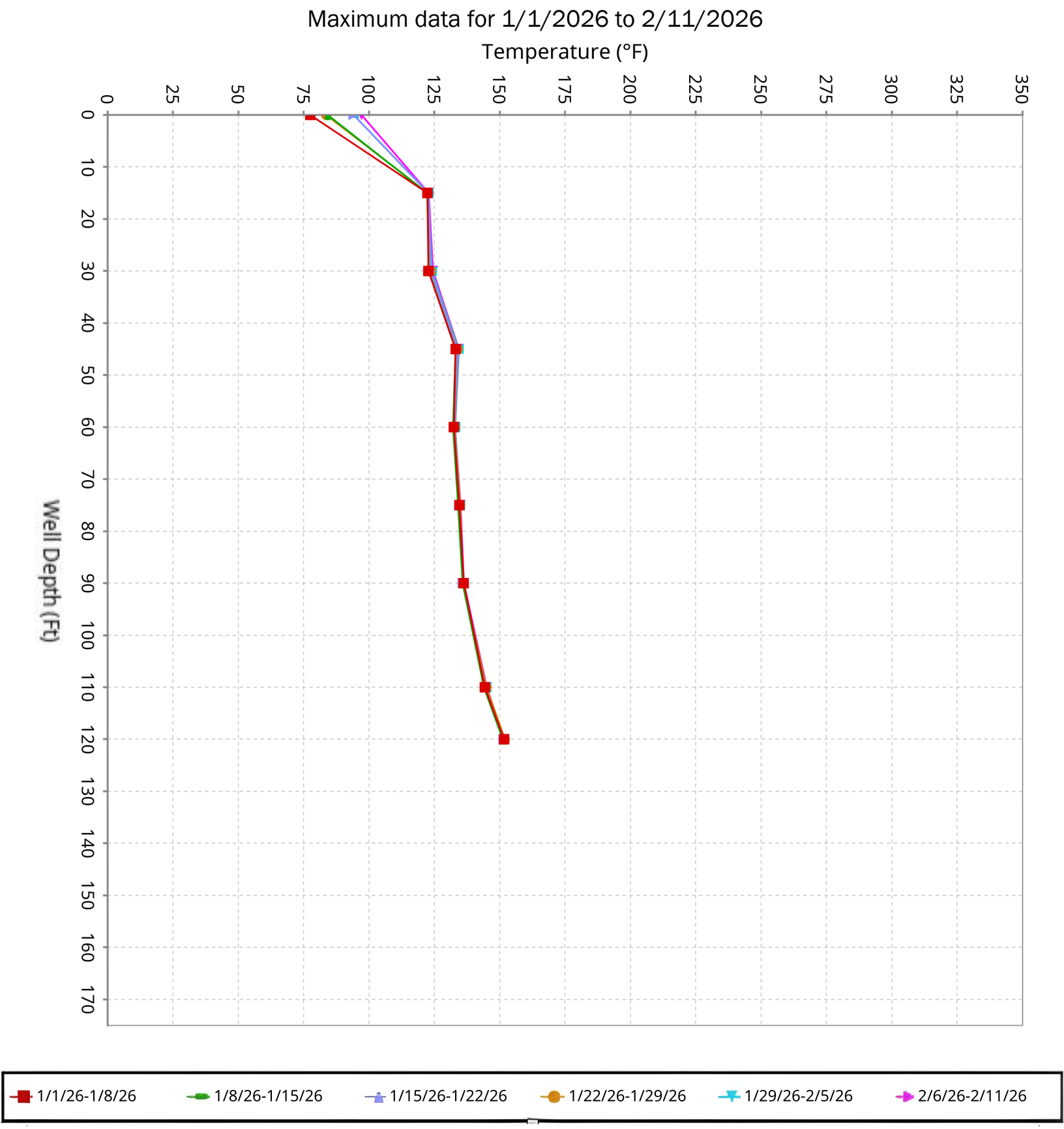
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-33



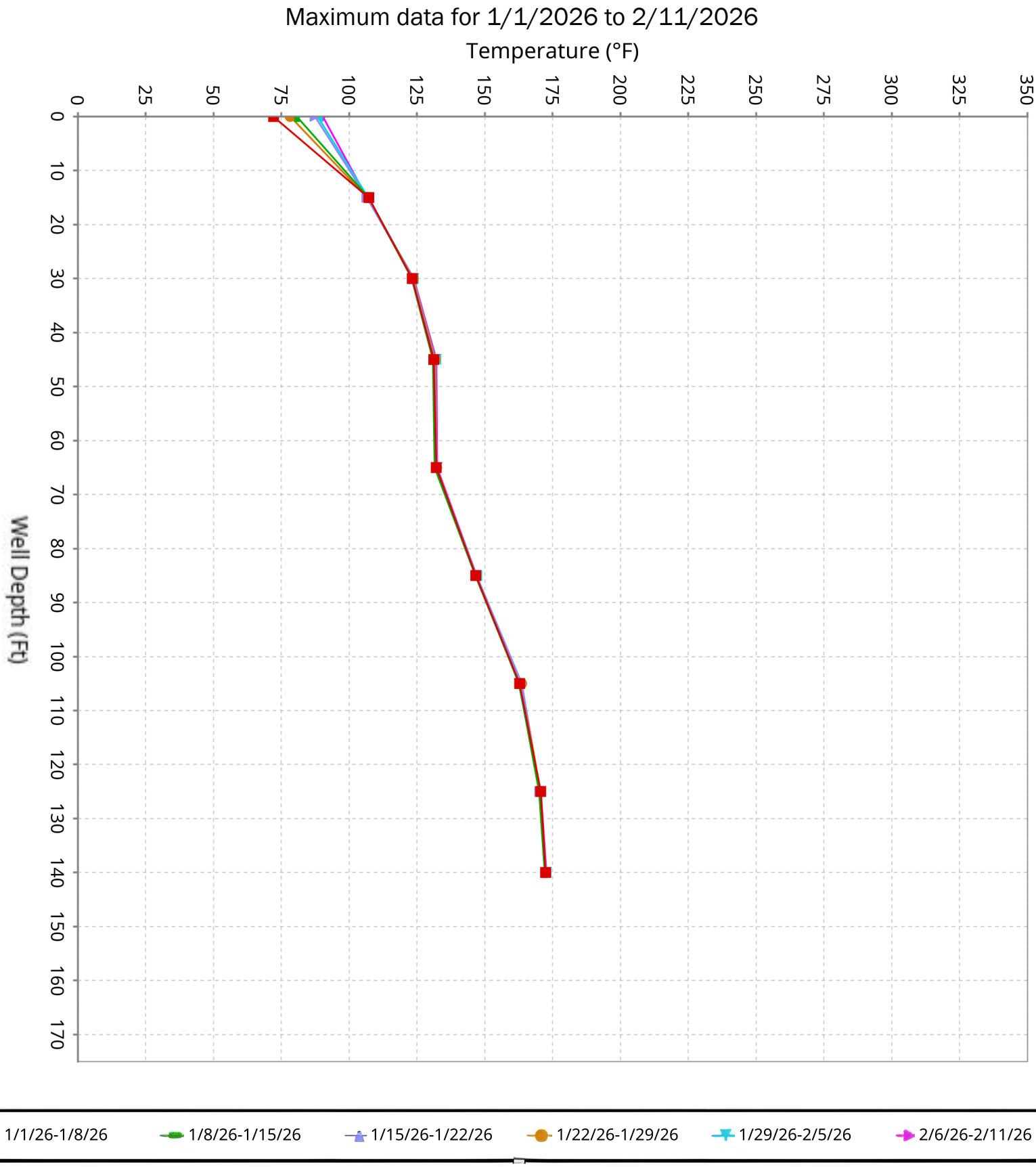
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-34



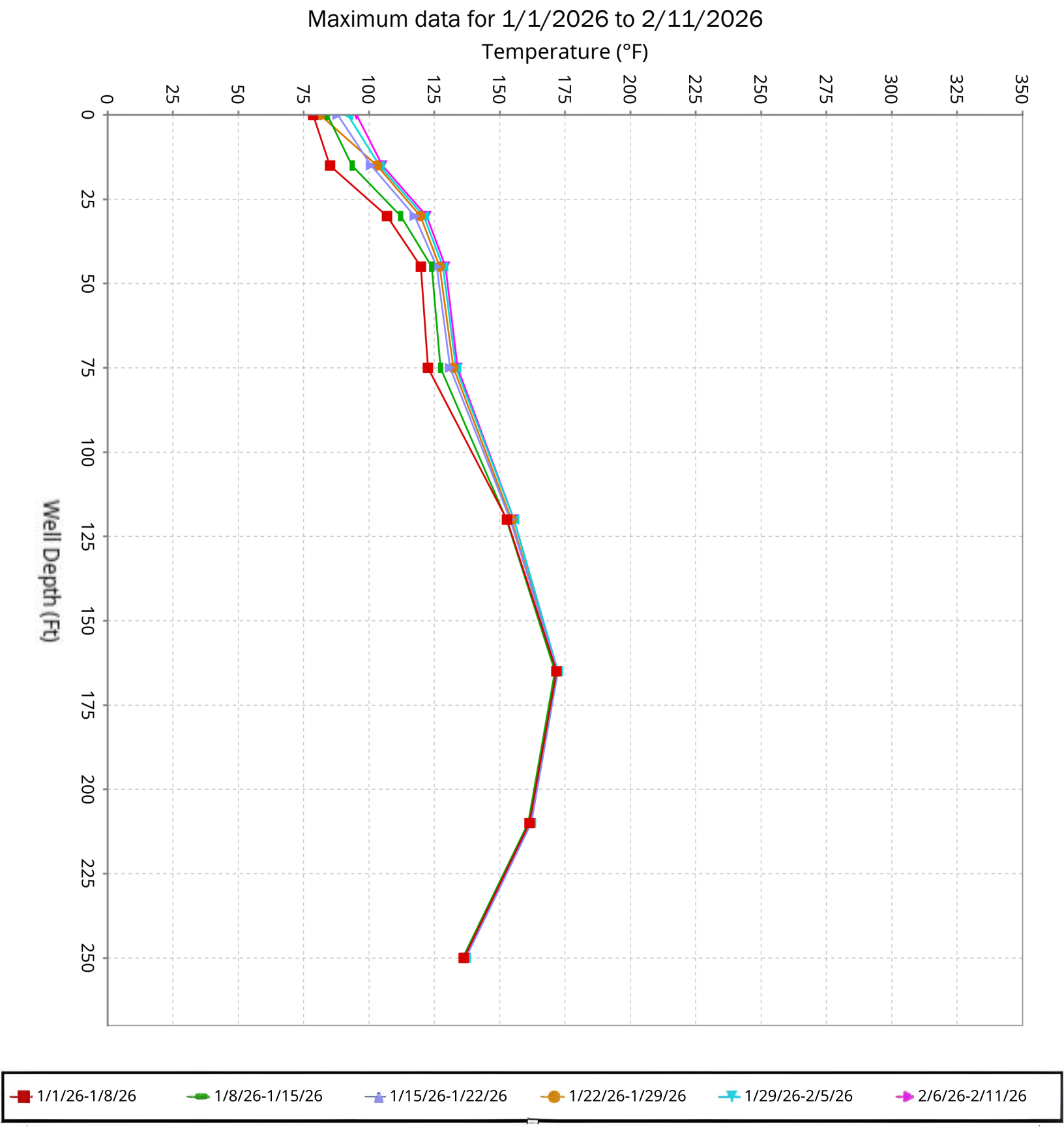
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-35



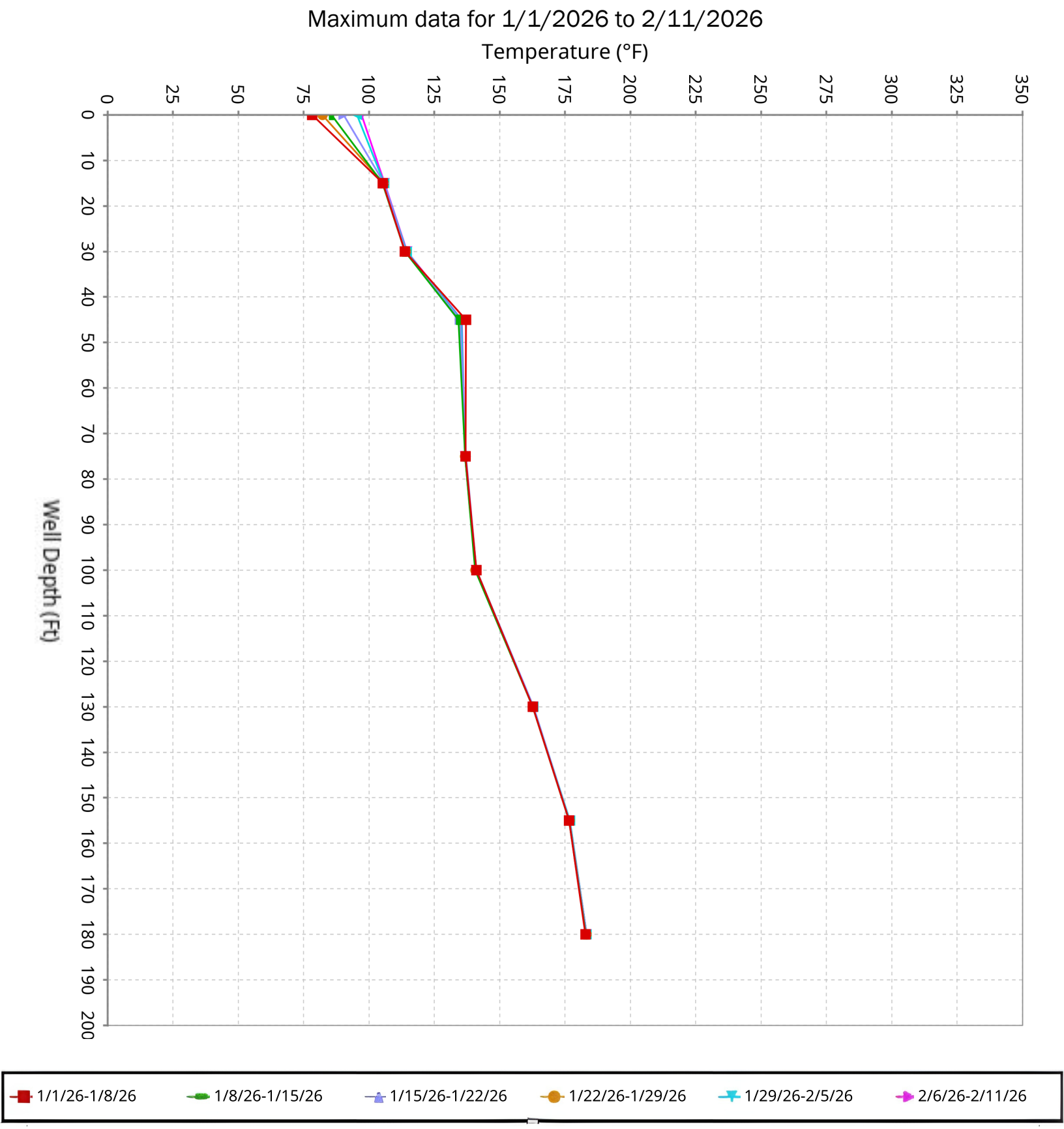
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-36



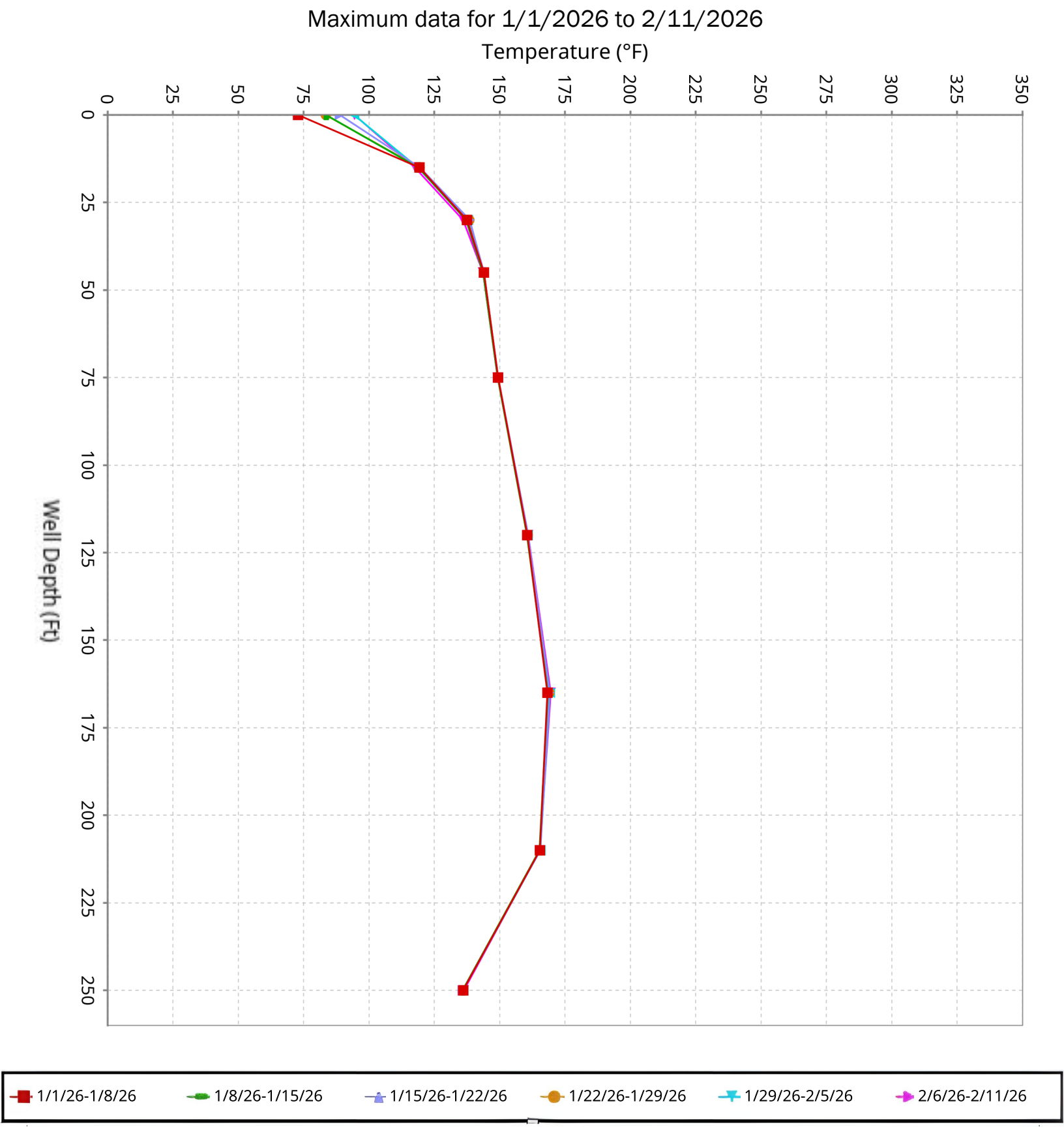
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-37



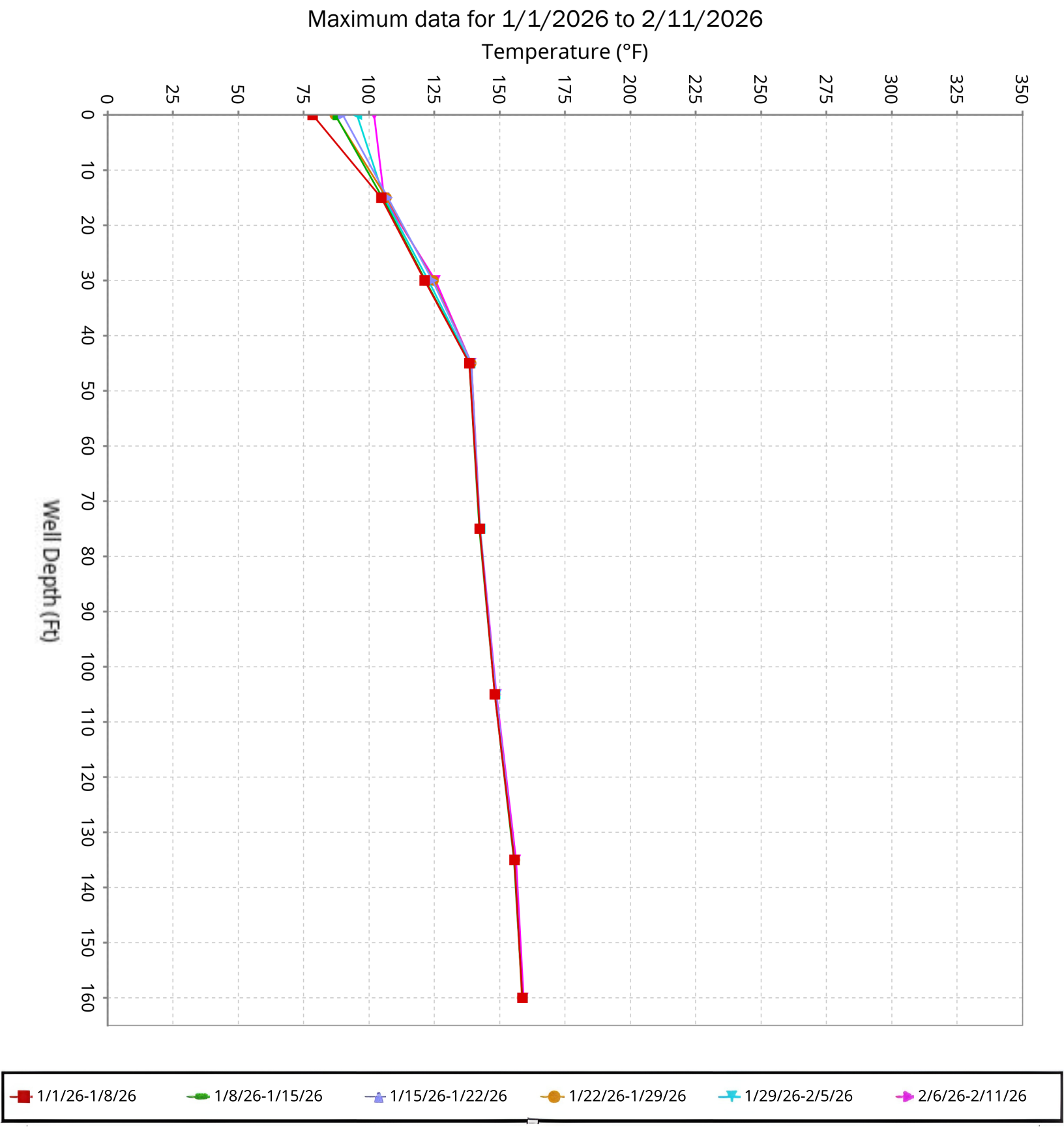
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-38



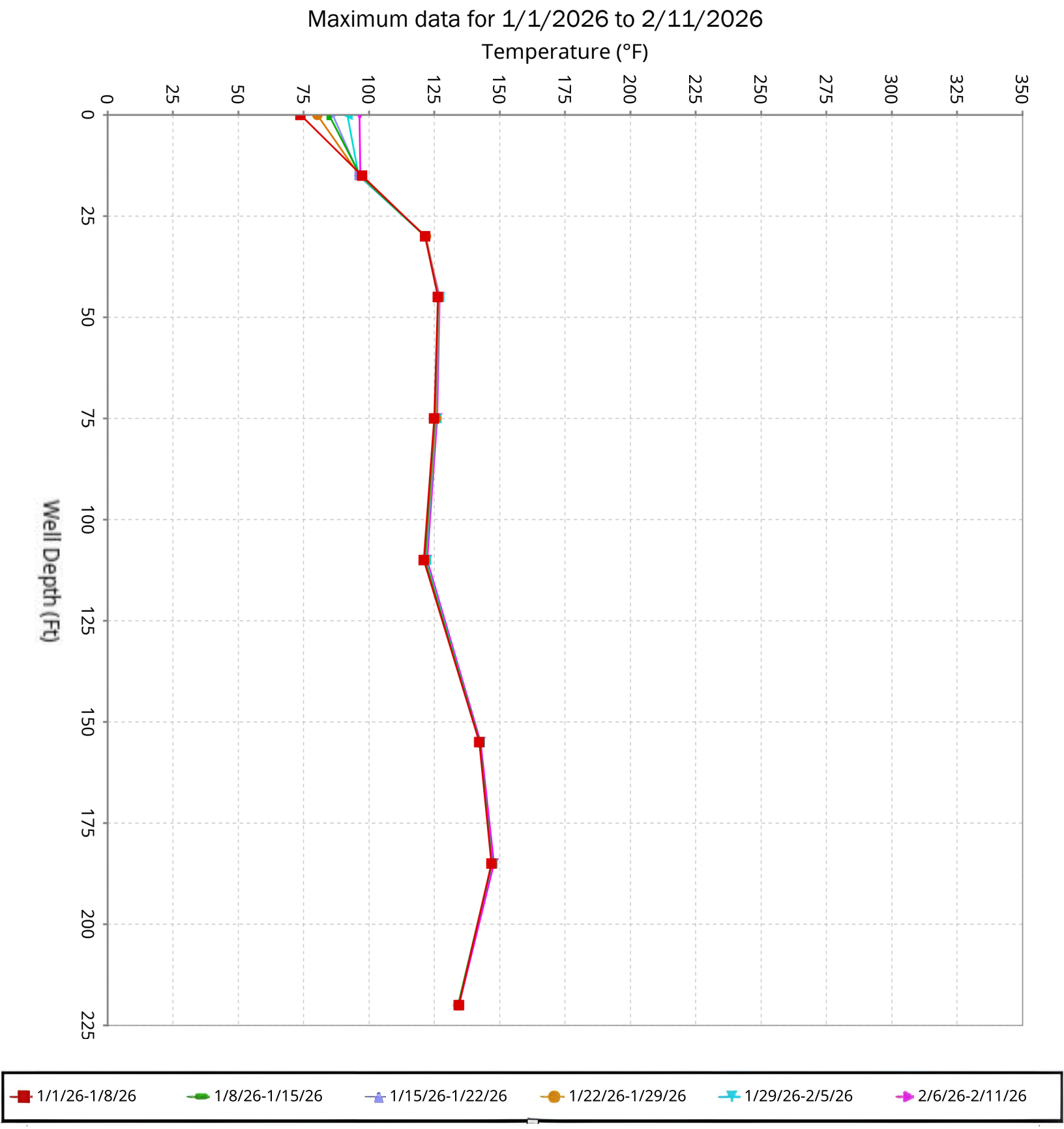
SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-39



SCS ENGINEERS

Vertical Temperature Profiles from Temperature Probes at Chiquita Landfill for TP-40



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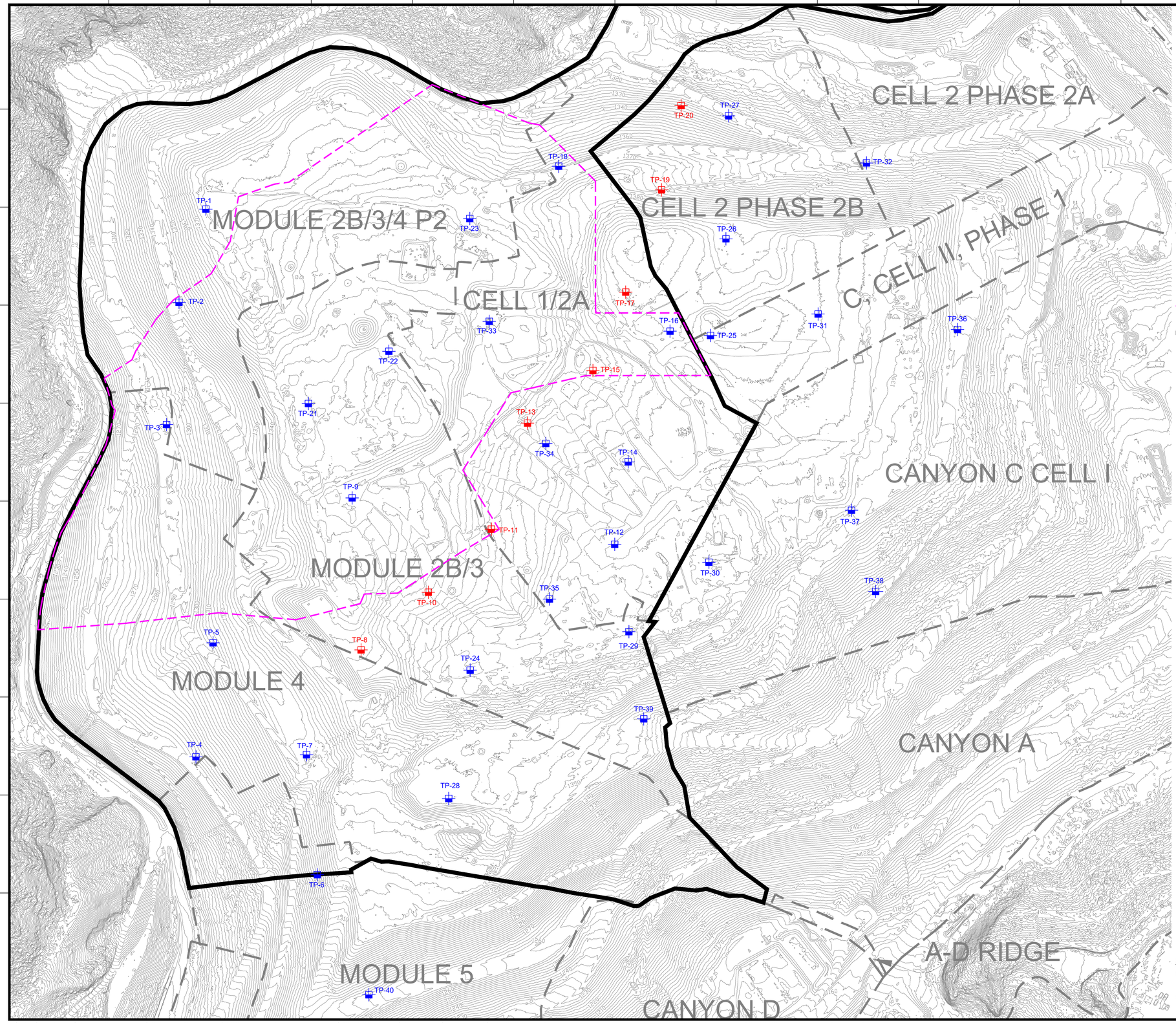
Appendix C

Temperature Monitoring Probe Site Map



N

GRAPHIC SCALE

130 65 0 130 260 390

SCALE: 1"=130'

LEGEND

1150	EXISTING TOPOGRAPHIC CONTOUR
	EXISTING CELL LIMITS (APPROXIMATE)
TP-XX	INSTALLED TEMPERATURE PROBES - STANDALONE
TP-XX	INSTALLED TEMPERATURE PROBES - INSTALLED WITHIN WELL CASING
	REACTION AREA BOUNDARY (APPROXIMATE) - BASED ON DATA REVIEW
	REACTION AREA BOUNDARY - CONDITION 9A

GENERAL DRAWING NOTES:

1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDED BY PROPELLER. AERIAL PHOTOGRAPHY DATED FEBRUARY 10, 2026.
2. NORTH ARROW SHOWN HERE IS REFERENCE TO THE CALIFORNIA STATE PLANE ZONE V COORDINATE SYSTEM, NAD 83.

NO.	REVISION	DATE

SHEET TITLE: EXISTING TEMPERATURE PROBE MAP

PROJECT TITLE: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

CLIENT: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
3900 KILROY AIRPORT WAY, SUITE 300
LONG BEACH, CA 90806
PH: (562) 426-9544

PROJ. NO: 01204123.41 | DSN. BY: - | DWN. BY: - | CHK. BY: - | ACAD FILE: ENGINEERS | APP. BY: -

DATE: 02/18/2026

SCALE: AS SHOWN

SHEET: 1

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