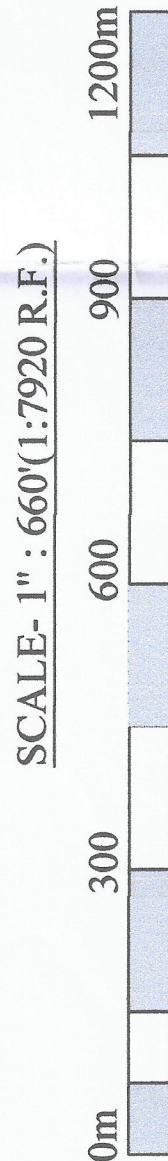


DGPS MAP SHOWING THE LOCATION OF PROPOSED APPROACH ROAD TO M. L. AREA OF KIRLOSKAR BHARATH MINES, M/s KIRLOSKAR FERROUS INDUSTRIES LIMITED, ML. NO. 0016 OVER AN EXTENT OF 4.035Ha IN SWAMYMALAI BLOCK FOREST, NEAR HULLIKUNTE VILLAGE, SANDUR TALUK, BALLARI DIVISION/DISTRICT, KARNATAKA STATE.

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INDEX

- ML AREA OF M/s Kirloskar Ferrous Industries Limited (Ersiwhille lease of Ms BMM as per CEC-24.47 Ha.)
- Applied Area of M/s KOCL
- REVENUE / FOREST REFERENCE POINTS
- FOREST/REVENUEBOUNDARY
- SY.NO.BOUNDARY
- ROAD INSIDE THE ML BOUNDARY

DGPS READINGS OF CORNER POINTS OF M/s KIRLOSKAR BHARATH MINES

DATUM: WGS 84				ZONE: 43P NORTH		ML No.0016	
PILLAR ID				Geographical Co-ordinates		Grid Co-ordinates (UTM)	
BLR-08				LATITUDE	LONGITUDE	NORTHING	EASTING
LBS-A				15°01'46.9700" N	76°34'28.4700" E	1862216.894	869772.243
LBS-B				15°01'43.9646" N	76°35'25.6234" E	1862171.983	870871.550
LBS-C				15°01'54.2268" N	76°35'21.3746" E	1862460.058	870862.343
LBS-D				15°01'55.3285" N	76°35'24.8020" E	1862484.702	870954.696
LBS-E				15°01'51.7289" N	76°35'26.6658" E	1862375.200	871009.163
LBS-F				15°01'53.9871" N	76°35'32.0365" E	1862444.167	871171.932
LBS-G				15°01'53.7001" N	76°35'32.3034" E	1862741.458	870876.071
LBS-H				15°02'05.1419" N	76°35'26.3349" E	1862786.424	870988.203
LBS-I				15°02'03.0412" N	76°35'29.9729" E	1862723.071	87138.612
LBS-J				15°02'05.7297" N	76°35'37.4840" E	1862807.102	871329.537
LBS-K				15°02'07.1945" N	76°35'29.5157" E	1862880.100	871092.637
LBS-L				15°02'11.3807" N	76°35'28.3344" E	1862981.274	871355.106
LBS-M				15°01'53.1694" N	76°35'46.5284" E	1862422.828	871573.965
LBS-N				15°01'52.6508" N	76°35'44.3187" E	1862406.618	871538.007
LBS-O				15°01'49.2806" N	76°35'41.0584" E	1862456.228	871440.261
LBS-P				15°01'49.3424" N	76°35'51.0491" E	1862301.821	871142.393
LBS-Q				15°01'45.6867" N	76°35'29.6740" E	1862189.423	871102.129

DGPS COORDINATES OF VILLAGE BOUNDARIES			
Point ID	Latitude	Longitude	Easting
V6-1	15° 01' 35.8239" N	76° 35' 04.6267" E	670356.143
V6-2	15° 01' 57.6881" N	76° 34' 50.1927" E	669920.201
V6-3	15° 02' 01.4556" N	76° 34' 49.0377" E	669884.742
V6-4	15° 02' 01.8358" N	76° 34' 46.6827" E	669875.951
V6-5	15° 02' 18.6307" N	76° 34' 21.0424" E	669044.957
V6-6	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684

FOREST AREA

Sl.No.	Sy.No / Block	Land Type	Area in Ha	Distance in Km	Average Width	Remark
1	Segment-2	Forest	2.730	2.731	10m	S.M.BLOCK
2	Segment-3	Forest	0.465	0.466	10m	S.M.BLOCK(KOCL Applied area)
3	Segment-4	Forest	0.409	0.412	10m	S.M.BLOCK
4	Segment-5	Forest	0.904	0.904	10m	S.M.BLOCK(KOCL Applied area)
5	Segment-6	Forest	0.658	0.660	10m	S.M.BLOCK
6	Segment-7	Forest	0.238	0.238	10m	S.M.BLOCK
		TOTAL	5.424	5.431		

APPROACH ROAD IN APPLIED AREA OF M/s KOCL

Description	Land Type	Area in Ha	Distance in Km	Average Width	Remark
Segment-3	Forest	1.389	1.390	10m	S.M.BLOCK(Situated in Applied Area of M/s KOCL)
Segment-5	Forest	0.405	0.406	10m	S.M.BLOCK

Description	Land Type	Area in Ha	Distance in Km	Average Width
TOTAL AREA OF APPROACH ROAD FOR DIVERSION IN FOREST OF M/S KIRLOSKAR BHARATH MINES AFTER DELETING PART OF THE ROAD (1.389Ha) SITUATED IN APPLIED AREA OF M/S KOCL LTD:	Forest	4.035	4.041	10m

NON-FOREST AREA

Sl.No.	Description	Particular	Type of Land	Area in Ha	Distance in Km	Average Width
1	Segment-1	Revenue(Patta)	0.0291	0.029	10m	
2	Segment-1	Revenue(Patta)	0.1545	0.156	10m	
3	Segment-1	Revenue(Patta)	0.267	0.268	10m	
4	Segment-1	Revenue(Patta)	0.0629	0.063	10m	
5	Segment-1	Revenue(Patta)	0.0263	0.027	10m	
		Total	0.560	0.563		

DGPS Survey by
ecoMen
ECOMEN LABORATORIES PVT.LTD
(MINING, GEOLOGY, ESTABLISHMENT, ENVIRONMENTAL)

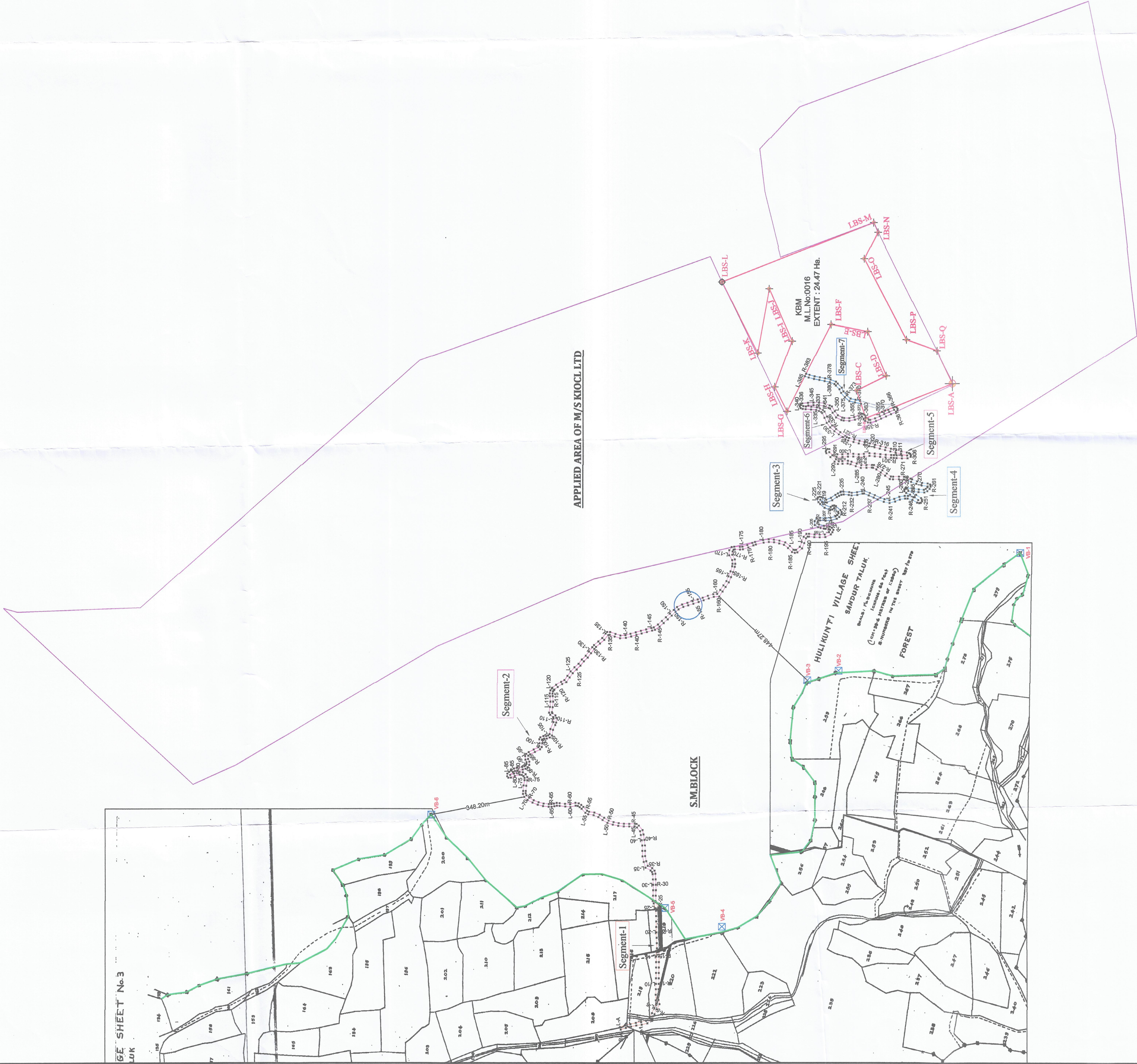
CERTIFICATE
This is to Certify That The Approach Road Coordinates are fixed by using DGPS instrument in presence of Forest Revenue, Dng Officials and Representatives of Kirloskar Ferrous Industries Ltd

Dr. Range Forest Officer
S.M.B. Section
Sandur South Range

Dr. Range Forest Officer
D.M.B. Section
Sandur South Range

Harshvardhan Reddy, P
Mines Surveyor (Cert.No.SVR-826)
Ecomen Laboratories Pvt Ltd

Project Proprietor
For M/s. Kirloskar Ferrous Industries Ltd



SEGMENT-6 (1000000) (Forest 40.35Ha, Non-Forest 0.56Ha, Average width 10m)										
Point ID	Latitude	Longitude	Easting	Point ID	Latitude	Longitude	Easting	Point ID	Latitude	
V6-1	15° 01' 35.8239" N	76° 35' 04.6267" E	670356.143	V6-2	15° 01' 57.6881" N	76° 34' 50.1927" E	669920.201	V6-3	15° 02' 01.4556" N	76° 34' 49.0377" E
V6-4	15° 02' 01.8358" N	76° 34' 46.6827" E	669875.951	V6-5	15° 02' 18.6307" N	76° 34' 21.0424" E	669044.957	V6-6	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-7	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-8	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-9	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-10	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-11	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-12	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-13	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-14	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-15	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-16	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-17	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-18	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-19	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-20	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-21	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-22	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-23	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-24	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-25	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-26	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-27	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-28	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-29	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-30	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-31	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-32	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-33	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-34	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-35	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-36	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-37	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-38	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-39	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-40	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-41	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-42	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-43	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-44	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-45	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-46	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-47	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-48	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-49	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-50	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-51	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-52	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-53	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-54	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-55	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-56	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-57	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-58	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-59	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-60	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-61	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-62	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-63	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-64	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-65	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-66	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-67	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-68	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-69	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-70	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-71	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-72	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-73	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-74	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-75	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-76	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-77	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-78	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-79	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-80	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-81	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-82	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-83	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-84	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-85	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-86	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-87	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-88	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-89	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-90	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-91	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-92	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-93	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-94	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-95	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-96	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-97	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-98	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-99	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-100	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-101	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-102	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-103	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-104	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-105	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-106	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-107	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-108	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-109	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-110	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-111	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-112	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-113	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-114	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-115	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-116	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-117	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-118	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-119	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-120	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-121	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-122	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-123	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-124	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-125	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-126	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-128	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-129	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-130	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-131	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-132	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-133	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-134	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-135	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-136	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-138	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-139	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-140	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-141	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-142	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-143	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-144	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-145	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-146	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-147	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-148	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-149	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-150	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-151	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-152	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-153	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-154	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-155	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-157	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-158	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-159	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-160	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-161	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-162	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-163	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-164	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-165	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-167	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-168	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-169	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-170	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-171	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-172	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-173	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-174	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-175	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-177	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-178	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-179	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-180	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-181	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-182	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-183	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-184	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-185	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-187	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-188	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-189	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-190	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-191	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-192	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-193	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-194	15° 02' 46.8059" N	76° 34' 52.8504" E	669559.684	V6-195	15° 02' 46.8059" N	76° 34' 52.8504" E
V6-197	15° 02' 4									