

FEATURE GROUP					F-CODE							
					1K	10K	50K		L1	L2	L3	L4
Landuse					P	P	P		10	*	*	*
	Residential								10	01	00	00
		General Housing					P		10	01	01	00
			Low						10	01	01	01
			Medium						10	01	01	02
			High						10	01	01	03
		Special Housing							10	01	02	00
			Hotel						10	01	02	01
			Service Apartment						10	01	02	02
			Hostel						10	01	02	03
			Palace						10	01	02	04
			Rest House						10	01	02	05
		Other Residential							10	01	03	00
			Residential Institution						10	01	03	01
			Rectangular Houses						10	01	03	02
			Government Accommodation (Flats)						10	01	03	03
			Rumah Panjang						10	01	03	04
			Detached House						10	01	03	05
			Semi Detached House						10	01	03	06
			Terrace						10	01	03	07
			Labour Quarters						10	01	03	08
			Private Accommodation (Flats)						10	01	03	09
			Government Housing						10	01	03	10
			Private Housing						10	01	03	11
		Commercial			P	P	P		10	02	00	00
		Retail Shop & Services							10	02	01	00
			Supermarket						10	02	01	01
			Department Store						10	02	01	02
			Individual Shop						10	02	01	03
			Hairdressers						10	02	01	04
			Travel Agent						10	02	01	05
			Dry Cleaner						10	02	01	06
			Tailor						10	02	01	07
			Baker						10	02	01	08
			Shophouses						10	02	01	09
		Restaurant							10	02	02	00
			Coffee Shop						10	02	02	01
			Fast Food Store						10	02	02	02
			Canteen / Tuckshop / Dining Hall						10	02	02	03
			Food Court						10	02	02	04
		Market/Hawker Stall							10	02	03	00
		Retail Showroom							10	02	04	00
			Furniture						10	02	04	01
			Carpet						10	02	04	02
			Tiles						10	02	04	03
			Cars						10	02	04	04
		Offices							10	02	05	00
			Professional Services						10	02	05	01
			Insurance Agent						10	02	05	02

FEATURE GROUP								F-CODE			
				1K	10K	50K		L1	L2	L3	L4
		Banks						10	02	06	00
			ATM					10	02	06	01
		Medical Specialist Room						10	02	07	00
			Dentist					10	02	07	01
			Doctor					10	02	07	02
			Optician					10	02	07	03
		Private Tuition Centre						10	02	08	00
			Computer School					10	02	08	01
			Music School					10	02	08	02
		Leisure Activities						10	02	09	00
			Fitness Centre					10	02	09	01
			Snooker Hall					10	02	09	02
			Amusement Centre					10	02	09	03
			Recreation Centre					10	02	09	04
			Sport Facilities					10	02	09	05
		Petrol Filling Station						10	02	10	00
		Plant Nursery						10	02	11	00
		Public Entertainment						10	02	12	00
		Multi Story Office						10	02	13	00
		Mixed Use						10	02	14	00
			50% Commercial 50% Residential					10	02	14	01
			25% Commercial 75% Residential					10	02	14	02
			75% Commercial 25% Residential					10	02	14	03
		Garbage Disposal						10	02	15	00
		Industrial		P	P	P		10	03	00	00
			Wholesale / Storage					10	03	01	00
			Wholesale / Retail Warehouse					10	03	01	01
			Storage Yard					10	03	01	02
		Workshop						10	03	02	00
			Car Repair and Servicing					10	03	02	01
			Tyre Fitter					10	03	02	02
			Car Wash					10	03	02	03
			Furniture Making					10	03	02	04
			Printing Shop					10	03	02	05
			Metalwork Workshop					10	03	02	06
		Light Industry						10	03	03	00
			Motor Vehicle Dealer					10	03	03	01
		General Industry						10	03	04	00
			Bakery / Food Preparation					10	03	04	01
			Garment Manufacturer					10	03	04	02
			Bottling Plant / Food Processing					10	03	04	03
			Sawmill / Timber Processing					10	03	04	04
			Brickwork / Brick Klin					10	03	04	05
			BSP Industrial Area					10	03	04	06

FEATURE GROUP							F-CODE				
				1K	10K	50K		L1	L2	L3	L4
			Oil and Gas Refinery					10	03	04	07
			Industrial Processing					10	03	04	08
			Factory					10	03	04	09
			Construction Sites					10	03	04	10
			Timber Industries					10	03	04	11
			Quarry					10	03	05	00
			Sand Mining					10	03	05	01
			Coarse Aggregate Extraction					10	03	05	02
			Aggregate Washing					10	03	05	03
			Welfare, Community & Leisure Facilities	P	P	P		10	04	00	00
			Education Facility					10	04	01	00
			Kindergarten					10	04	01	01
			Primary School					10	04	01	02
			Secondary School					10	04	01	03
			Technical College					10	04	01	04
			Vocational Training					10	04	01	05
			Religious School					10	04	01	06
			Institute					10	04	01	07
			University					10	04	01	08
			Other Educational Establishment					10	04	01	09
			Health Facilities					10	04	02	00
			Clinic					10	04	02	01
			Health Centre					10	04	02	02
			Hospital					10	04	02	03
			Rehabilitation Centre					10	04	02	04
			Private Health Clinic					10	04	02	05
			Post Office					10	04	03	00
			Community Centre					10	04	04	00
			Balai Raya					10	04	04	01
			Community Hall/Dewan Kemesyarakatan					10	04	04	02
			Cultural Facilities					10	04	05	00
			Art Gallery					10	04	05	01
			Library					10	04	05	02
			Museum					10	04	05	03
			Theatre					10	04	05	04
			Cinema					10	04	05	05
			Exhibition Hall					10	04	05	06
			Concert Hall					10	04	05	07
			Place for sighting Moon					10	04	05	08
			Sport & Leisure Buildings					10	04	06	00
			Stadium					10	04	06	01
			Gymnasium					10	04	06	02
			Swimming Pool					10	04	06	03
			Bowling Alley					10	04	06	04
			Sports Centre Level 4					10	04	06	05
			Sports Centre Level 3					10	04	06	06
			Athletic Track					10	04	06	07
			Golf Clubhouse					10	04	06	08
			Grandstand					10	04	06	09
			Football Pitch					10	04	06	10

FEATURE GROUP				F-CODE							
				1K	10K	50K		L1	L2	L3	L4
			Windsurfing Clubhouse					10	04	06	11
			Places of Worship					10	04	07	00
			Mosque					10	04	07	01
			Surau					10	04	07	02
			Kuil / Hindu Temple					10	04	07	03
			Church					10	04	07	04
			Wat / Buddhist Temple					10	04	07	05
			Others					10	04	07	06
			Cemetery					10	04	08	00
			Muslim					10	04	08	01
			Buddha					10	04	08	02
			Christian					10	04	08	03
			Hindu					10	04	08	04
			International					10	04	08	05
			Archeological Feature					10	04	08	06
			Makam					10	04	08	07
			Iban					10	04	08	08
			Dusun					10	04	08	09
			Crematorium					10	04	09	00
			Dome					10	04	10	00
			Open Space					10	05	00	00
			Recreation					10	05	01	00
			Playing Field					10	05	01	01
			Park					10	05	01	02
			Golf Course					10	05	01	03
			Children's Play Area					10	05	01	04
			Marina					10	05	01	05
			Amenity					10	05	02	00
			Private Garden					10	05	02	01
			Soft Landscape Centre					10	05	02	02
			Amenity Centre					10	05	02	03
			Highway Verge					10	05	02	04
			Open Stage					10	05	02	05
			Cement					10	05	03	00
			Sand					10	05	04	00
			Government Use					10	06	00	00
			Government Office					10	06	01	00
			District Office					10	06	01	01
			Government Depot					10	06	02	00
			Fire Station					10	06	03	00
			Police Station					10	06	04	00
			Military Security					10	06	05	00
			Palace					10	06	05	01
			Prison					10	06	05	02
			Firing Range					10	06	05	03

FEATURE GROUP							F-CODE			
				1K	10K	50K		L1	L2	L3
		Military Buildings					10	06	05	04
		Stesen Uji Kaji Pertanian					10	06	06	00
		Stesen Kastam					10	06	07	00
		Barracks					10	06	08	00
		Public Toilet					10	06	09	00
		Guard House (Police, Security, Parking etc)					10	06	10	00
		Store					10	06	11	00
		Stesyen Imigresen					10	06	12	00
		Road & Utilities					10	07	00	00
		Road & Footpath					10	07	01	00
		Paved Area	P	P	P		10	07	01	01
		Unpaved Road	P	L	L		10	07	01	02
		Road Reserve	P	L	L		10	07	01	03
		Car Park					10	07	02	00
		Surface Car Park	P	PX	X		10	07	02	01
		Multi Story Car Park	P	PX	P		10	07	02	02
		Other Transport Uses					10	07	03	00
		Bus Station	P	P			10	07	03	01
		Taxi Rank	P	X	X		10	07	03	02
		Jetty	P	PL	PL		10	07	03	03
		Airfield	P	P			10	07	03	04
		Wharf	P	P			10	07	03	05
		International Airport	P	P	P		10	07	03	06
		Anduki Airfield	P	P	P		10	07	03	07
		Airstrip	P	P			10	07	03	08
		Helipad	P	P	X		10	07	03	09
		Terminal	P	P	P		10	07	03	10
		Hangar	P	P	P		10	07	03	11
		Roadside Bus Stop	P	X	X		10	07	03	12
		Airport Terminal	P	P	P		10	07	03	13
		Ferry Terminal	P	P	P		10	07	03	14
		Port Terminal	P	P	P		10	07	03	15
		Garage	P				10	07	03	16
		Walkway (roof)	P				10	07	03	17
		Utilities					10	07	04	00
		Power Station	P	P	P		10	07	04	01
		Power Substation	P				10	07	04	02
		Sewerage Treatment / Oxidation Pond	P	P	P		10	07	04	03
		Reservoir	P	P	P		10	07	04	04
		Major Drain / Main Drain	P	P	P		10	07	04	05
		Telephone Exchange					10	07	04	06
		Water Tank	P	P	P		10	07	04	07
		Radio Mast					10	07	04	08
		Transmitter Tower					10	07	04	09
		Lighthouse					10	07	04	10
		Power Transformer					10	07	04	11

FEATURE GROUP					F-CODE						
					1K	10K	50K		L1	L2	L3
			Power Transmission Wayleave					10	07	04	12
			Power Station Pylons					10	07	04	13
			Satellite Station					10	07	04	14
			Service Reservior	P				10	07	04	15
			Radio Room	P				10	07	04	16
			Chiller Room	P				10	07	04	17
			Gas Marker					10	07	04	18
		Water & Coastal Feature						10	10	00	00
		Water Feature						10	10	01	00
		Water Courses						10	10	01	01
		Lake						10	10	01	02
		Coastal Feature						10	10	02	00
		Beach						10	10	02	01
		Moaring Bouys						10	10	02	02
		Island		P	P	P		10	10	03	00
Zoning				P	P	P		11	*	*	*
		Residential						11	01	00	00
		Commercial						11	02	00	00
		Industrial						11	03	00	00
		Welfare, Community & Leisure Facilities						11	04	00	00
		Open space						11	05	00	00
		Government Use						11	06	00	00
		Roads and Transport						11	07	00	00
		Natural Vegetation						11	08	00	00
		Agriculture						11	09	00	00
		Water and Coastal Features						11	10	00	00
		Environment Protection Zone						11	11	00	00
		Forest Reserves						11	12	00	00
		Utilities / Wayleaves						11	13	00	00
Building				P	PX	PX		15	*	*	*
		Permanent		P	P	PX		15	00	00	00
		Residential		P	P	PX		15	01	00	00
		Damaged by fire		P	P	PX		15	01	00	01
		Collapse		P	P	PX		15	01	00	02
		Damaged		P	P	PX		15	01	00	03
		Derelict		P	P	PX		15	01	00	04
		Vacant		P	P	PX		15	01	00	05
		Under Construction		P	P	PX		15	01	00	06
		Temporary		P	P	PX		15	01	00	07
		Demolished		P	P	PX		15	01	00	08
		General Housing		P	P			15	01	01	00
		Low						15	01	01	01
		Medium						15	01	01	02
		High						15	01	01	03
		Special Housing		P	PX	PX		15	01	02	00
		Hotel		P	PX	PX		15	01	02	01
		Service Apartments		P	PX	PX		15	01	02	02
		Hostels		P	PX	PX		15	01	02	03
		Palace		P	PX	PX		15	01	02	04
		Rest House		P	PX	PX		15	01	02	05

FEATURE GROUP								F-CODE			
				1K	10K	50K		L1	L2	L3	L4
		Other Residential		P	PX	PX		15	01	03	00
		Residential Institution		P	PX	PX		15	01	03	01
		Rectangular Houses		P	PX	PX		15	01	03	02
		Government Accommodation (Flats)		P	PX	PX		15	01	03	03
		Longhouse / Rumahpanjang		P	PX	PX		15	01	03	04
		Detached House		P	PX	PX		15	01	03	05
		Semi Detached House		P	PX	PX		15	01	03	06
		Terrace		P	PX	PX		15	01	03	07
		Labour Quarters		P	PX	PX		15	01	03	08
		Private Accomodation (Flats)		P	PX	PX		15	01	03	09
		Government Housing		P	PX	PX		15	01	03	10
		Private Housing		P	PX	PX		15	01	03	11
		Commercial		P	PX	PX		15	02	00	00
		Retail Shop & Services		P	PX	PX		15	02	01	00
		Supermarket		P	PX	PX		15	02	01	01
		Department Store		P	PX	PX		15	02	01	02
		Individual Shop		P	PX	PX		15	02	01	03
		Hairdressers		P	PX	PX		15	02	01	04
		Travel Agent		P	PX	PX		15	02	01	05
		Dry Cleaner		P	PX	PX		15	02	01	06
		Tailor		P	PX	PX		15	02	01	07
		Bakery		P	PX	PX		15	02	01	08
		Shophouse		P	PX	PX		15	02	01	09
		Restaurant		P	PX	PX		15	02	02	00
		Coffee Shop		P	PX	PX		15	02	02	01
		Fast Food Store		P	PX	PX		15	02	02	02
		Canteen / Tuckshop / Dining Hall		P	PX	PX		15	02	02	03
		Food Court						15	02	02	04
		Market / Hawker Stall		P	P	P		15	02	03	00
		Retail Showroom		P	P	P		15	02	04	00
		Furniture		P	P	P		15	02	04	01
		Carpet		P	P	P		15	02	04	02
		Tiles		P	P	P		15	02	04	03
		Cars		P	P	P		15	02	04	04
		Offices		P	P	P		15	02	05	00
		Professional Services		P	P	P		15	02	05	01
		Insurance Agent		P	P	P		15	02	05	02
		Banks		P	P	P		15	02	06	00
		ATM		P	PX	X		15	02	06	01
		Medical Specialist Room		P	P	P		15	02	07	00
		Dentist		P	P	P		15	02	07	01
		Doctor		P	P	P		15	02	07	02
		Optican		P	P	P		15	02	07	03
		Private Tuition Centre		P	P	P		15	02	08	00
		Computer School		P	P	P		15	02	08	01
		Music School		P	P	P		15	02	08	02
		Leisures Activities		P	P	P		15	02	09	00

FEATURE GROUP								F-CODE			
				1K	10K	50K		L1	L2	L3	L4
			Fitness Centre	P	P	P		15	02	09	01
			Snooker Hall	P	P	P		15	02	09	02
			Amusement Centre	P	P	P		15	02	09	03
			Recreation Centre	P	P	P		15	02	09	04
			Sport Facilities	P	P	P		15	02	09	05
			Petrol Filling Station	P	P	P		15	02	10	00
			Plant Nursery	P	P	P		15	02	11	00
			Public Entertainment	P	P	P		15	02	12	00
			Multi Story Office	P	PX	PX		15	02	13	00
			Mixed Use	P	P	P		15	02	14	00
			50 % Commercial 50% Residential	P	PX	PX		15	02	14	01
			25 % Commercial 75% Residential	P	PX	PX		15	02	14	02
			75 % Commercial 25% Residential	P	PX	PX		15	02	14	03
			Garbage Disposal	P	PX	PX		15	02	15	00
			Industrial	P	PX	PX		15	03	00	00
			Wholesale / Storage	P	PX	PX		15	03	01	00
			Wholesale / Retail Warehouse	P	PX	PX		15	03	01	01
			Storage Yard	P	PX	PX		15	03	01	02
			Workshop	P	PX	PX		15	03	02	00
			Car Repair / Servicing	P	PX	PX		15	03	02	01
			Tyre Fitters	P	PX	PX		15	03	02	02
			Car Wash	P	PX	PX		15	03	02	03
			Furniture Making	P	PX	PX		15	03	02	04
			Printing Shop	P	PX	PX		15	03	02	05
			Metalworks Workshop	P	PX	PX		15	03	02	06
			Light Industry	P	PX	PX		15	03	03	00
			Motor Vehicle Dealer	P	PX	PX		15	03	03	01
			General Industry	P	PX	PX		15	03	04	00
			Bakery / Food Preparation	P	PX	PX		15	03	04	01
			Garment Manufacturer	P	PX	PX		15	03	04	02
			Botteling Plant / Food Processing	P	PX	PX		15	03	04	03
			Sawmill / Timber Processing	P	PX	PX		15	03	04	04
			Brickwork / Brick Kiln	P	PX	PX		15	03	04	05
			BSP Industrial Area	P	PX	PX		15	03	04	06
			Oil and Gas / Refinery	P	PX	PX		15	03	04	07
			Industrial Processing	P	PX	PX		15	03	04	08
			Factory	P	PX	PX		15	03	04	09
			Construction Sites	P	PX	PX		15	03	04	10
			Timber Industries	P	PX	PX		15	03	04	11
			Quarry	P	PX	PX		15	03	05	00
			Sand Mining	P	PX	PX		15	03	05	01
			Coarse Aggregate Extraction	P	PX	PX		15	03	05	02
			Aggregate Washing	P	PX	PX		15	03	05	03
			Welfare, Community & Leisure Facilities	P	PX	PX		15	04	00	00
			Education facility	P	PX	PX		15	04	01	00

FEATURE GROUP								F-CODE			
				1K	10K	50K		L1	L2	L3	L4
			Kindergarten	P	PX	PX		15	04	01	01
			Primary School	P	PX	PX		15	04	01	02
			Secondary School	P	PX	PX		15	04	01	03
			Technical College	P	PX	PX		15	04	01	04
			Religious School	P	PX	PX		15	04	01	06
			Institute	P	PX	PX		15	04	01	07
			University	P	PX	PX		15	04	01	08
			Other Education Establishment	P	PX	PX		15	04	01	09
			Health Facilities	P	PX	PX		15	04	02	00
			Clinic	P	PX	PX		15	04	02	01
			Health Centre	P	PX	PX		15	04	02	02
			Hospital	P	PX	PX		15	04	02	03
			Rehabilitation Centre	P	PX	PX		15	04	02	04
			Private Health Clinic	P	PX	PX		15	04	02	05
			Post Office	P	PX	PX		15	04	03	00
			Community Centre	P	PX	PX		15	04	04	00
			Balai Raya	P	PX	PX		15	04	04	01
			Dewan Kemasyarakatan	P	PX	PX		15	04	04	02
			Cultural Facilities	P	PX	PX		15	04	05	00
			Art Gallery	P	PX	PX		15	04	05	01
			Library	P	PX	PX		15	04	05	02
			Museum	P	PX	PX		15	04	05	03
			Theatre	P	PX	PX		15	04	05	04
			Cinema	P	PX	PX		15	04	05	05
			Exhibition Hall	P	PX	PX		15	04	05	06
			Concert Hall	P	PX	PX		15	04	05	07
			Place for sighting moon	P	PX	PX		15	04	05	08
			Sport & Leisure	P	PX	PX		15	04	06	00
			Stadium	P	PX	PX		15	04	06	01
			Gymnasium	P	PX	PX		15	04	06	02
			Swimming Pool	P	PX	PX		15	04	06	03
			Bowling Alley	P	PX	PX		15	04	06	04
			Sports Centre Level 4	P	PX	PX		15	04	06	05
			Sports Centre Level 3	P	PX	PX		15	04	06	06
			Athelitic Track	P	PX	PX		15	04	06	07
			Golf Clubhouse	P	PX	PX		15	04	06	08
			Grandstand	P	PX	PX		15	04	06	09
			Football Pitch	P	PX	PX		15	04	06	10
			Windsurfing Clubhouse	P	PX	PX		15	04	06	11
			Places of worship	P	PX	PX		15	04	07	00
			Mosque	P	PX	PX		15	04	07	01
			Surau	P	PX	PX		15	04	07	02
			Kuil / Hindu Temple	P	PX	PX		15	04	07	03
			Church	P	PX	PX		15	04	07	04
			Wat / Buddhist Temple	P	PX	PX		15	04	07	05
			Others	P	PX	PX		15	04	07	06
			Cemetery	P	P	PX		15	04	08	00
			Muslim	P	P	PX		15	04	08	01
			Budda	P	P	PX		15	04	05	02
			Christian	P	P	PX		15	04	08	03

FEATURE GROUP								F-CODE			
				1K	10K	50K		L1	L2	L3	L4
			Hindu	P	P	PX		15	04	08	04
			International	P	P	PX		15	04	08	05
			Archeological Feature	P	P	PX		15	04	08	06
			Makam	P	P	PX		15	04	08	07
			Iban	P	P	PX		15	04	08	08
			Dusun	P	P	PX		15	04	08	09
			Crematorium	P	PX	PX		15	04	09	00
			Dome	P	PX	PX		15	04	10	00
			Open Space	P	P	PX		15	05	00	00
			Recreation	P	P	PX		15	05	01	00
			Playing Field	P	P	PX		15	05	01	01
			Park	P	P	PX		15	05	01	02
			Golf Course	P	P	PX		15	05	01	03
			Children's Play area	P	P	PX		15	05	01	04
			Marina	P	P	PX		15	05	01	05
			Amenity	P	P	P		15	05	02	00
			Private Garden	P	P	P		15	05	02	01
			Soft Landscape Centre	P	P	P		15	05	02	02
			Amenity Centre	P	P	P		15	05	02	03
			Highway Verge	P	P	P		15	05	02	04
			Open Stage	P	P	P		15	05	02	05
			Cement	P	P	P		15	05	03	00
			Government use	P	PX	PX		15	06	00	00
			Government Office	P	PX	PX		15	06	01	00
			District Office	P	PX	PX		15	06	01	01
			Government Depot	P	PX	P		15	06	02	00
			Fire Station	P	PX	P		15	06	03	00
			Police Station	P	PX	P		15	06	04	00
			Military Security	P	P	P		15	06	05	00
			Palace / Istana	P	P	P		15	06	05	01
			Prison	P	P	P		15	06	05	02
			Firing Range	P	PL	P		15	06	05	03
			Military Buildings	P	P	P		15	06	05	04
			Stesyen Uji Kaji Pertanian	P	P	P		15	06	06	00
			Stesyen Kastam	P	P	P		15	06	07	00
			Barracks	P	P	PX		15	06	08	00
			Public Toilet (Tandas Awam)	P	PX	PX		15	06	09	00
			Guard House (Police, Security,Parking, etc)	P	PX	PX		15	06	10	00
			Store	P	PX	PX		15	06	11	00
			Stesyen Imigresen	P	PX	PX		15	16	12	00

FEATURE GROUP					F-CODE					
					1K	10K	50K		L1	L2
	Road & Utilities					15	07	00	00	
		Transportation	P	PX	PX	15	07	02	00	
		Surface Car Park	P	PX	PX	15	07	02	01	
		Multi Story Car Park	P	PX	PX	15	07	02	02	
	Other Transport Uses		P	PX	PX	15	07	03	00	
		Bus Station	P	PX		15	07	03	01	
		Taxi Rank	P	PX		15	07	03	02	
		Jetty	P	PX		15	07	03	03	
		International Airport	P	PX	P	15	07	03	06	
		Terminal	P	P	P	15	07	03	10	
		Airport Hangers	P	P	P	15	07	03	11	
		Roadside Bus Stop	P	PX		15	07	03	12	
		Airport Terminal	P	P	P	15	07	03	13	
		Ferry Terminal	P	P	P	15	07	03	14	
		Port Terminal	P	P	P	15	07	03	15	
		Garage	P	PX		15	07	03	16	
		Walkway (roof)	P	P		15	07	03	17	
	Utilities		P	PX	PX	15	07	04	00	
		Power Station	P	PX	X	15	07	04	01	
		Power Substation	P	PX	X	15	07	04	02	
		Sewerage Treatment/Oxidation Pond	P	P	X	15	07	04	03	
		Reservoir	P	P	X	15	07	04	04	
		Major Drain / Main Drain	P	PL	X	15	07	04	05	
		Telephone Exchange	P	X	X	15	07	04	06	
		Water Tank	P	PX	X	15	07	04	07	
		Radio Mast	P	X	X	15	07	04	08	
		Transmitter Tower	P	X	X	15	07	04	09	
		Lighthouse	P	X	X	15	07	04	10	
		Power Transformer	P	X	X	15	07	04	11	
		Power transmission Pylons	P	X	X	15	07	04	13	
		Satellite Station	P	X	X	15	07	04	14	
		Service Reservoir	P	X	X	15	07	04	15	
	Imaginary line		L	L	L	15	11	00	00	
	Block		P	P	P	15	12	*	*	
		House Numbering Poly	P	P	P	15	12	01	00	
		House Numbering Line	L	L	L	15	12	02	00	
	Temporary		P	PX	PX	16	*	*	*	
For Building Feature code L2, L3 and L4 taken from Landuse										
Boundaries			P	PL	PL		20	00	00	00
	Administrative Unit		P	PL	PL		20	01	00	00
		International boundary on land	P	PL	PL		20	01	01	00
		Define	P	PL	PL		20	01	01	01
		Undefine	P	PL	PL		20	01	01	02
	Negeri		P	PL	PL		20	01	01	03
	Division		P	PL	PL		20	01	01	04
	District		P	PL	PL		20	01	02	00
		Sub District	P	PL	PL		20	01	02	01

FEATURE GROUP								F-CODE					
					1K	10K	50K		L1	L2	L3	L4	
		Mukim		P	PL	PL		20	01	03	00		
		Proposed Mukim		P	PL	PL		20	01	03	01		
		Kampong		P	PL			20	01	04	00		
		Proposed Kampong		P	PL			20	01	04	01		
		Municipal		P	PL	PL		20	01	05	00		
		Old Municipal		P	PL	PL		20	01	05	01		
		New Municipal		P	PL	PL		20	01	05	02		
		Forest Reserve		P	PL	PL		20	01	06	00		
		Danger Area		P	PL	PL		20	01	07	00		
		BSP Concession Area		P	PL	PL		20	01	08	00		
		BSP Occupied Area		P	PL	PL		20	01	09	00		
		Planning Unit		P	P	P		20	02	00	00		
		DCCA		P	P	P		20	02	01	00		
		Local Plan		P	P	P		20	02	02	00		
		Planning Scheme		P	P	P		20	02	03	00		
		Project						20	03	00	00		
		JUA						20	03	01	00		
		JUA Boundary Poly		P	P	P		20	03	01	01		
		JUA Boundary Line		L	L	L		20	03	01	02		
		JUA Boundary Station		X	X	X		20	03	01	03		
		Kg Ayer						20	03	02	00		
		Kg Ayer Grid Poly		P	P	P		20	03	02	01		
		Kg Ayer Grid Line		L	L	L		20	03	02	02		
		Kg Ayer Grid Point		X	X	X		20	03	02	03		
		Cadastre		P	P	P		21	00	00	00		
		Lot		P	P	P		21	01	00	00		
		Tol		P	P	P		21	02	00	00		
		La		P	P	P		21	03	00	00		
		Reserves		P	P	P		22	00	00	00		
		Gazette Areas		P	P	P		23	00	00	00		
		Control		X	X	X		24	00	00	00		
		Triangulation Station		X	X	X		24	01	00	00		
		Traverse Point		X	X	X		24	02	00	00		
		Standard		X	X	X		24	02	01	00		
		First Class		X	X	X		24	02	02	00		
		Bench Mark		X	X	X		24	03	00	00		
		International Boundary Mark		X	X	X		24	04	00	00		
		GPS Station		X	X	X		24	05	00	00		

FEATURE GROUP					F-CODE							
					1K	10K	50K		L1	L2	L3	L4
		RTK Station		X	X	X		24	06	00	00	
Natural Vegetation & Vacant					P	P	P		25	08	00	00
		Natural Vegetation		P	P	P		25	08	01	00	
		Forest (Hutan tebal / Hutan rimba)		P	P	P		25	08	01	01	
		Mangrove		P	P	P		25	08	01	02	
		Nipah		P	P	P		25	08	01	03	
		Secondary Forest (Hutan Rendah)		P	P	P		25	08	01	04	
		Swamp		P	P	P		25	08	01	05	
		Ridge Conservation		P	P	P		25	08	01	06	
		Rubber		P	P	P		25	08	01	07	
		Grassland		P	P	P		25	08	01	08	
		Plain Forest		P	P	P		25	08	01	09	
		Cultivation		P	P	P		25	08	01	10	
		Belukar		P	P	P		25	08	01	11	
		Small Bushes / Scrub Forest		P	P	P		25	08	01	12	
		Sundry Tree Cultivation		P	P	P		25	08	01	13	
		Sundry Non-Tree		P	P	P		25	08	01	14	
		Primary Mixed Dipterocarp Forest		P	P	P		25	08	01	15	
		Secondary / logged Mixed Dipterocarp Forest		P	P	P		25	08	01	16	
		Karangas (Tropical Heath Forest)		P	P	P		25	08	01	17	
		Peat Swamp Forest		P	P	P		25	08	01	18	
		Coastal Forest		P	P	P		25	08	01	19	
		Montane		P	P	P		25	08	01	20	
		Cleared Ground		P	P	P		25	08	01	21	
		Natural Reserve		P	P	P		25	08	03	00	
		White Sands Nature Reserve		P	P	P		25	08	03	01	
		Vacant		P	P	P		25	08	04	00	
		Construction Site		P	P	P		25	08	04	01	
		Stateland		P	P	P		25	08	04	02	
		Wasteland		P	P	P		25	08	04	03	
		Agriculture		P	P	P		25	09	00	00	
		Plantation		P	P	P		25	09	01	00	
		Paddy Field		P	P	P		25	09	02	00	
		Wet Paddy		P	P	P		25	09	02	01	
		Dry Paddy		P	P	P		25	09	02	02	
		Animal Breeding Farm / Poultry Farming		P	P	P		25	09	03	00	
		Market Gardening / Orchards		P	PX	PX		25	09	04	00	
		Livestock Grazing		P	PX	PX		25	09	05	00	
		Abattoir		P	P	PX		25	09	06	00	
		Aquaculture		P	P	PX		25	10	00	00	
		Fish Pond		P	PX	PX		25	10	01	00	
		Fish Breeding Pond		P	PX	PX		25	10	02	00	
		Prawn Breeding Pond		P	PX	PX		25	10	03	00	
									10	03	00	
Relief									31	*	*	*
		Contour						31	01	00	00	
		Photogrametric		L	L	L		31	01	01	00	
		Photogrametric Imperial		L	L	L		31	01	01	01	

FEATURE GROUP								F-CODE			
				1K	10K	50K		L1	L2	L3	L4
			Photogrametric Major (Contour interval at 50m)	L	L	L		31	01	01	02
			Surveyed	L	L	L		31	01	02	00
			Spot Height (Ground Control Point)	X	X	X		31	02	00	00
			Photogrametric	X	X	X		31	02	01	00
			Surveyed (Imperial)	X	X	X		31	02	02	00
			Height Control	X	X	X		31	03	00	00
			Cliff	L	L	L		31	10	00	00
			Cutting	L	L	L		31	11	00	00
			Terrace	L	L	L		31	12	00	00
			Groyne	L	L	L		31	13	00	00
			Slip	L	L	L		31	14	00	00
			Escarpment	L	L	L		31	15	00	00
			Terrain	L	L	L					
			Embankment	L	L	L		31	16	00	00
			Top	L	L	L		31	16	00	01
			Bottom	L	L	L		31	16	00	02

Road				PL	L	L		40	00	00	00
			Interstate Highway	P	L	L		40	01	00	00
			Highway	P	L	L		40	02	00	00
			Sealed Dual Carriageway	P	L	L		40	02	01	00
			Sealed (2 way)	P	L	L		40	02	02	00
			Sealed (1 way)	P	L	L		40	02	03	00
			Unsealed (2 way)	P	L	L		40	02	04	00
			Unsealed (1 way)	P	L	L		40	02	05	00
			Highway Verge	P	L	L		40	02	06	00
			Major Road	P	L	L		40	03	00	00
			Secondary Road	P	L	L		40	04	00	00
			Minor Road	P	L	L		40	05	00	00
			Motor Track		L	L		40	05	01	00
			Access Road	P	L	L		40	06	00	00
			Access Road less than 10M	P	L	L		40	06	01	00
			Access Road less than 20M	P	L	L		40	06	01	01
			Rural Road	P	L	L		40	07	00	00
			Sealed	P	L	L		40	07	01	00
			Unsealed	P	L	L		40	07	02	00
			Footpath / Track	PL	P	LX		40	08	00	00
			Forest Trails	PL	L	LX		40	08	01	00
			Nature Walks	PL	L	LX		40	08	02	00

FEATURE GROUP						F-CODE				
			1K	10K	50K		L1	L2	L3	L4
		Golf Track	P	L	LX		40	08	03	00
		Horse Riding Track	P	L	LX		40	08	04	00
		Athletic Track	P	L	L		40	08	05	00
		Road shoulder	P				40	09	00	00
		Center Median	P	L			40	09	01	00
		Road Hump	P				40	09	02	00
		Other Road	P	L	L		40	10	00	00
		Unsealed	P	L	L		40	10	01	00
		Road under construction	P	L	L		40	11	00	00
		Flyover	P	L	L		40	12	00	00
		Level 1	P	L	L		40	12	01	00
		Railway					40	13	00	00
		Light					40	13	01	00
		Heavy					40	13	02	00
		Bridge	P	L	L		40	14	00	00
		Steel	P	L	L		40	14	01	00
		Wooden	P	L	L		40	14	02	00
		Footbridge	P	L	L		40	14	03	00
		Permanent	P	L	L		40	14	04	00
		Jejatas / Pedestrian Bridge	P	L	L		40	14	05	00
		Jetty	P	PL	L		40	14	06	00
		Airport runway	P	PL	L		40	15	00	00
		Tunnel	P	L	L		40	16	00	00
		Round About	P	L	L		40	17	00	00
		Kilometer Post	P	L	L		40	18	00	00
Soil			P	P	P		50	00	00	00
		Clay	P	P	P		50	01	00	00
		Sand	P	P	P		50	02	00	00
		Silt	P	P	P		50	03	00	00
		Loam	P	P	P		50	04	00	00
		Peat	P	P	P		50	05	00	00
		Mud	P	P	P		50	06	00	00
		Stones	P	P	P		50	07	00	00
		Gravel	P	P	P		50	08	00	00
		Pebbles	P	P	P		50	09	00	00
		Connles	P	P	P		50	10	00	00
		Shells	P	P	P		50	11	00	00
Mineral			P	P	P		55	00	00	00
		Gravel	P	P	P		55	01	00	00
		Silica Sand	P	P	P		55	02	00	00
Geology							60	00	00	00
		Formation	PL	PL	PL		60	01	00	00

FEATURE GROUP						F-CODE					
			1K	10K	50K		L1	L2	L3	L4	
		Recent					60	01	01	00	
		Pleistocene					60	01	02	00	
		Liang					60	01	03	00	
		Seria					60	01	04	00	
		Miri					60	01	05	00	
		Tukau					60	01	06	00	
		Lambir					60	01	07	00	
		Belait					60	01	08	00	
		Sibuti					60	01	09	00	
		Setap Shale					60	01	10	00	
		Meligan					60	01	11	00	
		Melinau Limestone					60	01	12	00	
		Kelalan					60	01	13	00	
		Mulu					60	01	14	00	
	Fault		L	L	L		60	10	00	00	
		Surface					60	10	01	00	
		Below Alluvium					60	10	02	00	
	Strata		L	L	L		60	11	00	00	
		Horizontal					60	11	01	00	
		Vertical					60	11	02	00	
Utilities							71	*	*	*	
	Water Pipe		L	L	L		71	00	00	00	
		Transmission Main	L	L	L		71	01	00	00	
		Distribution Main	L	L	L		71	02	00	00	
		Service Pipe	L	L	L		71	02	01	00	
		Domestic Pipe	L	L	L		71	02	01	01	
		Pipe feeder	L	L	L		71	02	01	02	
		Pipe main	L	L	L		71	02	01	03	
		Water Tap	X	X			71	02	01	04	
		Water Meter	X	X			71	02	01	05	
		Water Manhole	P	X			71	02	01	06	
		Water Pipeline Buried	L	L	L		71	02	01	07	
		Water Pipeline Surface	L	L	L		71	02	01	08	
	Valve		N	N	N		71	03	00	00	
		Air Valve					71	03	01	00	
		Sluice Valve					71	03	02	00	
		Gate Valve					71	03	03	00	
		Butterfly Valve					71	03	04	00	
		Throttle Valve					71	03	05	00	
		Closed Valve					71	03	06	00	
		Boundary Valve					71	03	07	00	
		Pressure Reducing Valve					71	03	08	00	
	Fire Hydrant		N	N	N		71	04	00	00	
		Pillar	X	X	X		71	04	01	00	
		Numbered	X	X	X		71	04	02	00	
		Washout	X	X	X		71	04	03	00	
	Pumping Station		X	X	X		71	05	00	00	
	Reservoir		P	P	P		71	06	00	00	
		Ground	P	P	P		71	06	01	00	

FEATURE GROUP						F-CODE				
			1K	10K	50K		L1	L2	L3	L4
		Tower	P	P	P		71	06	02	00
		Water Tank	P	X	X		71	07	00	00
		Sewerage	P	PX	P		72	00	00	00
		Treatment Plat	P	P	P		72	01	00	00
		Refuse Transfer Station	P	PX	PX		72	02	00	00
		Oxidation Pond	P	P	P		72	03	00	00
		Septic Tank	P	PX	X		72	04	00	00
		Pumping Station	P	PX	X		72	05	00	00
		Pipe	L	L	L		72	06	00	00
		Major Collector	L	L	L		72	06	01	00
		Minor Collector	L	L	L		72	06	02	00
		Sewerage Pipeline Buried	L	L	L		72	06	03	00
		Sewerage Pipeline Surface	L	L	L		72	06	04	00
		Manhole	P	X	X		72	07	00	00
		Refuse Bin	P	X	X		73	01	00	00
		Transfer Station	P	P	X		73	10	00	00
		Land Fill Site	P	P	P		73	20	00	00
		Telecom					74	00	00	00
		Telephone Line	L	L	L		74	01	00	00
		Exchange	X	X	X		74	02	00	00
		Telephone Pole	X	X	X		74	03	00	00
		Satellite Station	X	X	X		74	04	00	00
		Main Hole	P	X	X		74	05	00	00
		Satellite Disc	X	X	X		74	06	00	00
		Radio Mast	X	X	X		74	07	00	00
		Telephone Booth	PX	X	X		74	08	00	00
		Transmitter Box	PX	X	X		74	09	00	00
		Transmitter tower	P	X	X		74	10	00	00
		Distribution Pillar	P	X	X		74	11	00	00
		Manhole	P	X	X		74	12	00	00
		Telecom Cable Buried	L	L	L		74	13	00	00
		Telecom Cable Surface	L	L	L		74	14	00	00
		Electrical					75	00	00	00
		Transmission Line	L	L	L		75	01	00	00
		Power Station	P	P	P		75	02	00	00
		Substation	P	P	P		75	03	00	00
		Lamp Post	X	X	X		75	04	00	00
		Pylon	X	X	X		75	05	00	00
		Electrical Post	X	X	X		75	06	00	00
		Signal Light (Land)	X	X	X		75	07	00	00
		Electric Box	X	X	X		75	08	00	00
		Traffic Light	X	X	X		75	09	00	00
		Power Transmission Wayleave	X	X			75	10	00	00
		Power Station Pylon	P	P	X		75	11	00	00
		Signal Light (River/Sea)	X	X	X		75	12	00	00
		Light House	P	X	X		75	13	00	00
		Service Pillar	P	X	X		75	14	00	00
		Electrical Cable Buried	L	L	L		75	15	00	00
		Electrical Cable Surface	L	L	L		75	16	00	00

FEATURE GROUP					F-CODE						
					1K	10K	50K		L1	L2	L3
	Oil & Gas						76	00	00	00	
		Distribution					76	01	00	00	
		Oil Pipe			L	L	L	76	01	01	00
		Gas Pipe			L	L	L	76	01	02	00
		Valve			X	X	X	76	01	03	00
		Gas Meter			X	X	X	76	01	04	00
		Gas Tank			P	X	X	76	01	05	00
		Petroleum Tank			P	X	X	76	01	06	00
		Palm oil Tank			P	X	X	76	01	07	00
		Storage Tank			P	X	X	76	01	08	00
		Platform			P	PX	X	76	01	09	00
		Nooding dongkey			P	X	X	76	01	10	00
		Oil Processing Plant			P	X	X	76	01	11	00
		Oil Derick			X	X	X	76	01	12	00
Hydrology							80	00	00	00	
	Natural						80	01	00	00	
		River					80	01	01	00	
			Single		L	L	L	80	01	01	01
			Double		P	P	P	80	01	01	02
			Difinite		L	L	L	80	01	01	03
			Indifinite		L	L	L	80	01	01	04
		Stream			L	L	L	80	01	02	00
		Tributary			L	L	L	80	01	03	00
		Estuary			L	L	L	80	01	04	00
		Lake			P	P	P	80	01	05	00
			Indifinite		P	P	P	80	01	05	01
		Reservoir			P	P	P	80	01	06	00
		Water Fall			X	X	X	80	01	07	00
		Breakwater			P	PL	L	80	01	08	00
			Tidal					80	01	08	01
			Non Tidal					80	01	08	02
		Mud			P	P	P	80	01	09	00
		Pasir Laut (Coastal Sand)			P	P	P	80	01	10	00
		Pasir (Inland Sand)			P	P	P	80	01	11	00
		Shoreline (Definite)			L	L	L	80	01	12	00
			Shoreline (Indifinite)		L	L	L	80	01	12	01
			Shoreline (Difinite)		L	L	L	80	01	12	02
		Rapids			L	L	X	80	01	13	00
		Batu Mandi (Rocks Awash)			P	PX	X	80	01	14	00
		Batu Karam (Submerged)			P	PX	X	80	01	15	00
		Batu Timbul (Rocks)			P	PX	X	80	01	16	00
		Flooded Area			P	PX	X	80	01	17	00
		Edge of Sea			P	P	P	80	01	18	00
			HWM		P	P	P	80	01	18	01
			LWM		P	P	P	80	01	18	02
		Karangan			X	X	X	80	01	19	00

FEATURE GROUP						F-CODE				
			1K	10K	50K		L1	L2	L3	L4
		Foreshore	P	P	P		80	01	20	00
		Hot Spring	P	P	P		80	01	21	00
		Batu Karang / Inter Tidal Reef	P	P	P		80	01	22	00
		Terumbu Karang / Reef	P	P	P		80	01	23	00
		Manmade					80	02	00	00
		Canal	PL	L	L		80	02	01	00
		Fountain	P	X	X		80	02	01	01
		Drainage	PL	L	L		80	02	02	00
		Storm Water Drain	PL	PL	L		80	02	02	01
		Drain	P	L	L		80	02	02	02
		Double	P	PL	L		80	02	02	03
		Single	L	L	L		80	02	02	04
		Earth Drain (Double)	P	PL	L		80	02	02	05
		Earth Drain (Single)	L	L	L		80	02	02	06
		Culvert	P	L	L		80	02	02	07
		Catch Basin	P	P	L		80	02	03	00
		Service Reservoir	P	P	P		80	02	04	00
		Breakwater	P	P	L		80	02	05	00
		Channel	L	L	L		80	02	06	00
		Pond	P	X	X		80	02	07	00
		Pool	P	X	X		80	02	08	00
		Well	X	X	X		80	02	09	00
		Artesian	X	X	X		80	02	09	01
		Public	X	X	X		80	02	09	02
		Ferry Crossing	P	P	L		80	02	10	00
		Empangan (dam)	P	P	P		80	02	11	00
		Lombong Batu (Quarry)	P	P	P		80	02	12	00
		Lagoon	P	P	P		80	02	13	00

MISCELLANEOUS FEATURES

Miscpoly			P	P	P		91	00	00	00
		Benutan					91	00	02	00
		Monument	P	X	X		91	00	04	00
Miscline			L	L	L		92	00	00	00
		Stairs	P	L	L		92	00	01	00
		Concrete	P	L	L		92	00	01	01
		Wooden	P	L	L		92	00	01	02
		Fence / Pagar	L	L	L		92	00	03	00
		Gate					92	00	05	00
		Steel	L	L	L		92	00	05	01
		Wooden	L	L	L		92	00	05	02
		Fence / wall	L	L	L		92	00	06	00

FEATURE GROUP						F-CODE			
		1K	10K	50K		L1	L2	L3	L4
	Guard Rail	L	L			92	00	07	00
	Metal grate / grille	L	L			92	00	08	00
	Inlet Chamber	L	L			92	00	09	00
	Cable Duct (Ducting)	L	L	L		92	00	10	00
	Electrical wire	L	L	L		92	00	10	01
	Telephone wire	L	L	L		92	00	10	01
	Miscpnt	X	X	X		93	00	00	00
	Flag pole	X	X			93	00	01	00
	Tanda	X	X	X		93	00	02	00
	Pusat Bandar	X	X	X		93	00	02	01
	Pekan	X	X	X		93	00	02	02
	Kampong	X	X	X		93	00	02	03
	Bukit	X	X	X		93	00	02	04
	Goal Post					93	00	03	00
	Football	P	X			93	00	03	01
	Netball	P	X			93	00	03	02
	Hockey	P	X			93	00	03	03
	Basketball	P	X			93	00	03	04
	Monument	P	X	X		93	00	04	00

NOTE

P - Polygon Representation

L - Line Representation

X - Point Representation

N - Node Representation